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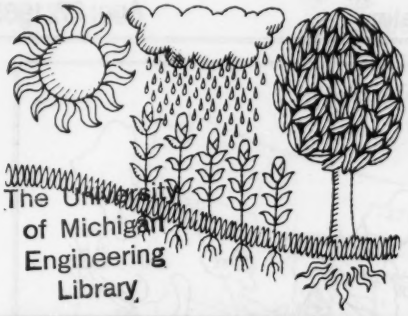

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WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration, National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service and World Agricultural Outlook Board

Volume 72, No. 34 WASHINGTON, D.C. Aug. 27, 1985

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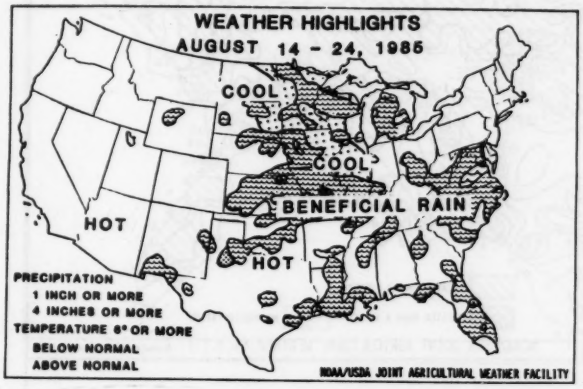
National Weather Summary

August 18 - 24, 1985



HIGHLIGHTS: Thunderstorms brought widespread showers to nearly all of the Nation. Only parts of the West Coast States and the central Plateau remained dry. The showers were most beneficial in parts of the western Corn Belt and in the mid-Atlantic States. In most cases the showers were too late for this year's crops, but pastures and soil moisture will be helped. Severe weather was frequent through the Plains and to the East, but there was no widespread damage. Temperatures were cooler than normal in most of the Nation, especially in the upper Mississippi Valley. Above normal temperatures reached across the Southern States and into the central Rockies.

SUNDAY...The remnants of Hurricane Danny left heavy rain in eastern North Carolina, Virginia, and southern Maryland as it moved out into the Atlantic. Thunderstorms developed in the central and southern Rockies and from the central Plains to northern Illinois. A few showers fell in northern California and Oregon. Morning temperatures were in the forties through the northern Plains.

MONDAY...Showers and thunderstorms were widespread from the lower Missouri Valley through the Northeast and in the northern Rockies and into Nebraska. A few showers developed in the Southwest and in Florida. The unusually cool temperatures moved into the upper Mississippi Valley.

TUESDAY...Showers were light through the Missouri Valley from North Dakota to its mouth but were more widespread and occasionally moderate in the Southeast from Louisiana to New Jersey. Thunderstorms were occasionally moderate to heavy in the Southwest and in north central Texas.

WEDNESDAY...Widespread showers and thunderstorms moved eastward to cover the East Coast States only from Florida to southern New England. Thunderstorms also covered the northern and central Plains with heavy storms from eastern Kansas into southern Iowa. Temperatures were cool in the Northwest, the Lakes region, and the Northeast but were warming rapidly through the High Plains.

THURSDAY...Thunderstorms were again widespread in the northern and central Plains, the upper half of the Mississippi Valley and into the Tennessee Valley. Heavy storms developed from Missouri into North Dakota and Wisconsin. A few showers occurred along the gulf coast, and some light rain fell in the Northeast.

FRIDAY...The large area of showers and thunderstorms moved eastward to include the middle and upper Mississippi Valley, the Ohio and Tennessee Valleys, through the Great Lakes into New England, and spread southwestward into the Texas Panhandle. Thunderstorms also covered the gulf coast and part of the Southeast.

SATURDAY...The circulation, around a large high pressure system off the coast of Virginia, brought large amounts of moisture from the Gulf of Mexico onto eastern United States. Showers and thunderstorms covered most areas east of the Mississippi River and most of Texas. The heaviest storms were in the lower Appalachians and the central Great Lakes region. Unusually warm weather covered the South and reached northward in the West.

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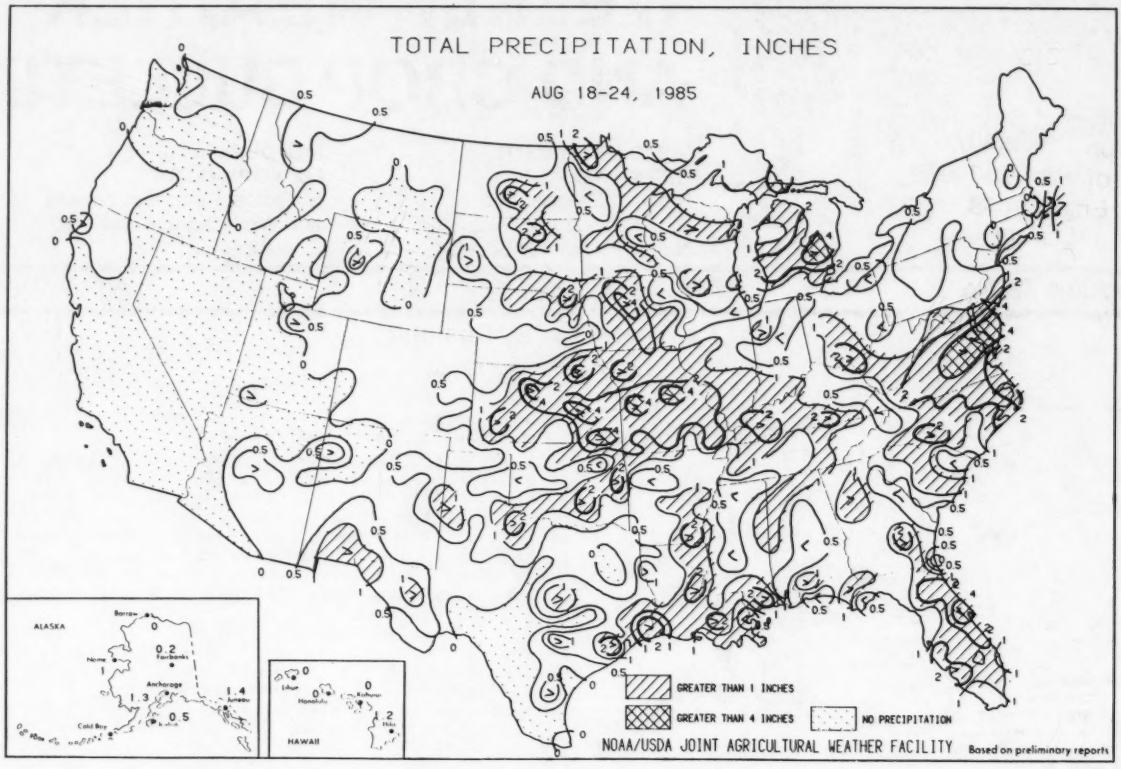

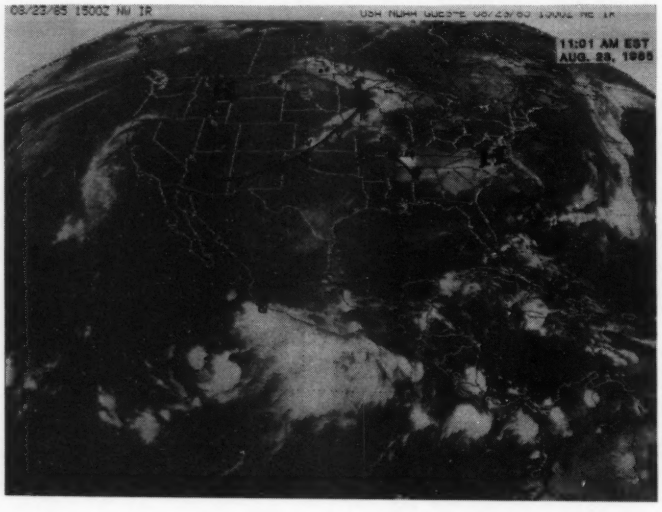

COOL AIR COVERS THE NORTHERN PLAINS AND IS BOUNDED BY A COLD FRONT THAT REACHES FROM THE GREAT LAKES INTO THE SOUTHWEST. SHOWERS AND THUNDERSTORMS ARE ACTIVE ALONG THE FRONT.

THE WARM FRONT EXTENDING EASTWARD FROM THE TEXAS PANHANDLE SEPARATES THE WARM AIR IN THE SOUTH FROM COOLER AIR TO THE NORTH. THE DOMINATE PRECIPITATION IS RAIN AND DRIZZLE IN THIS AREA.

REMNANTS OF TROPICAL DEPRESSION NORA IN THE PACIFIC OCEAN ARE INJECTING HIGH LEVEL MOISTURE NORTHWARD TO THE CALIFORNIA-OREGON BORDER.

SNOW
RAIN
RAINSHOWERS
THUNDERSTORMS
PRECIPITATION AREAS

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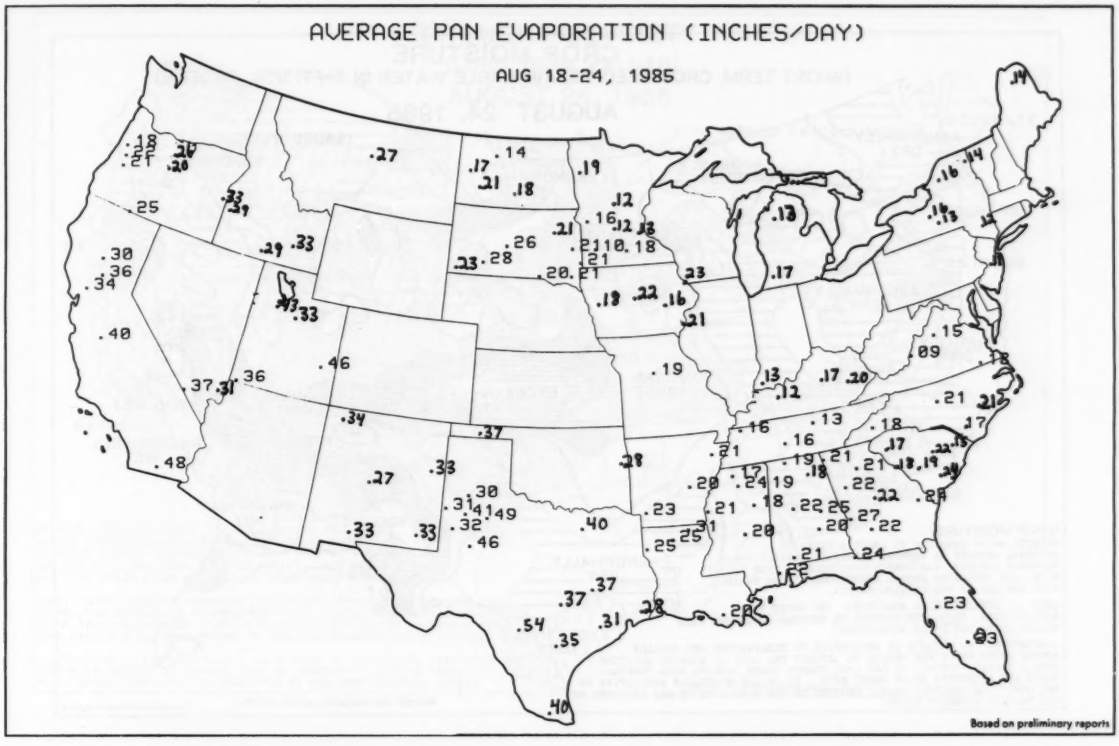
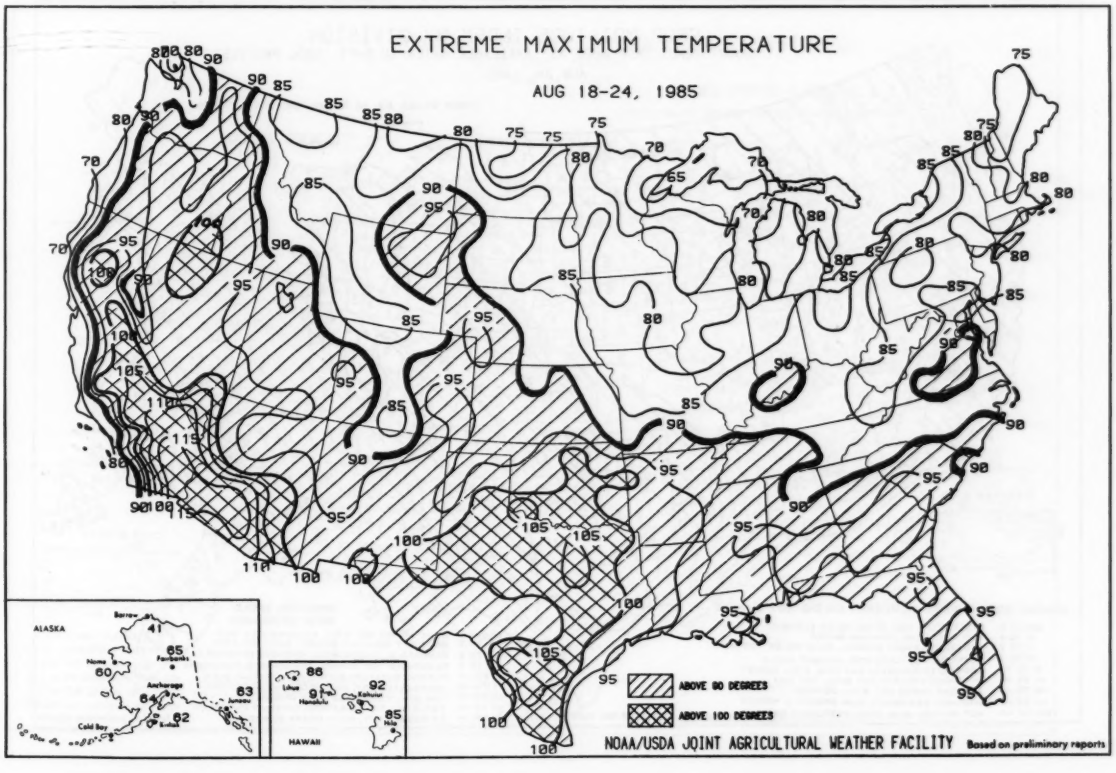
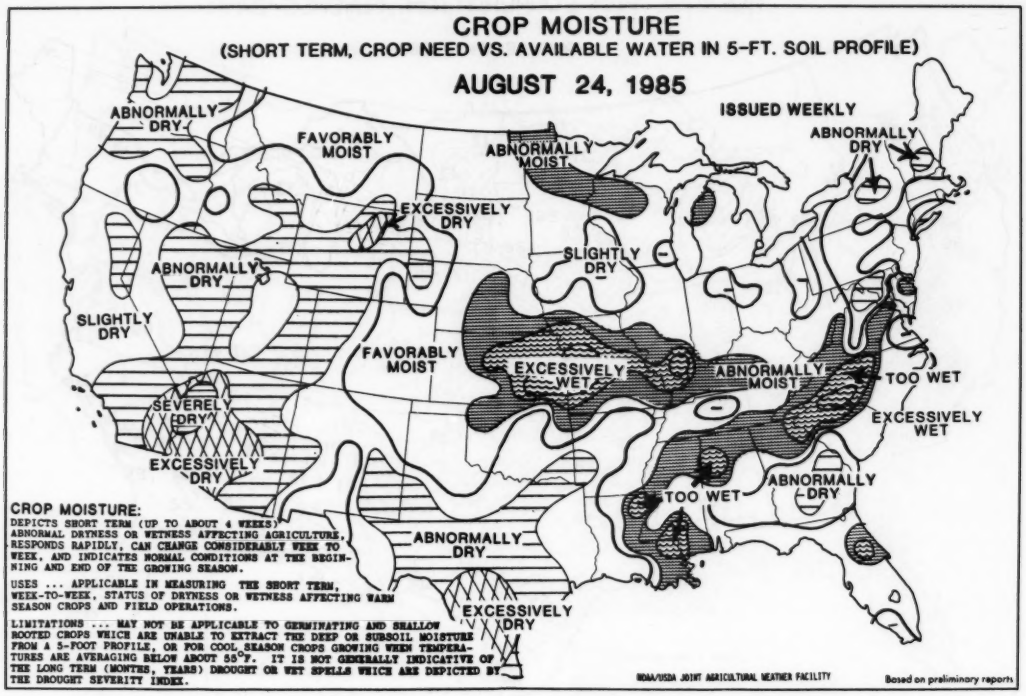
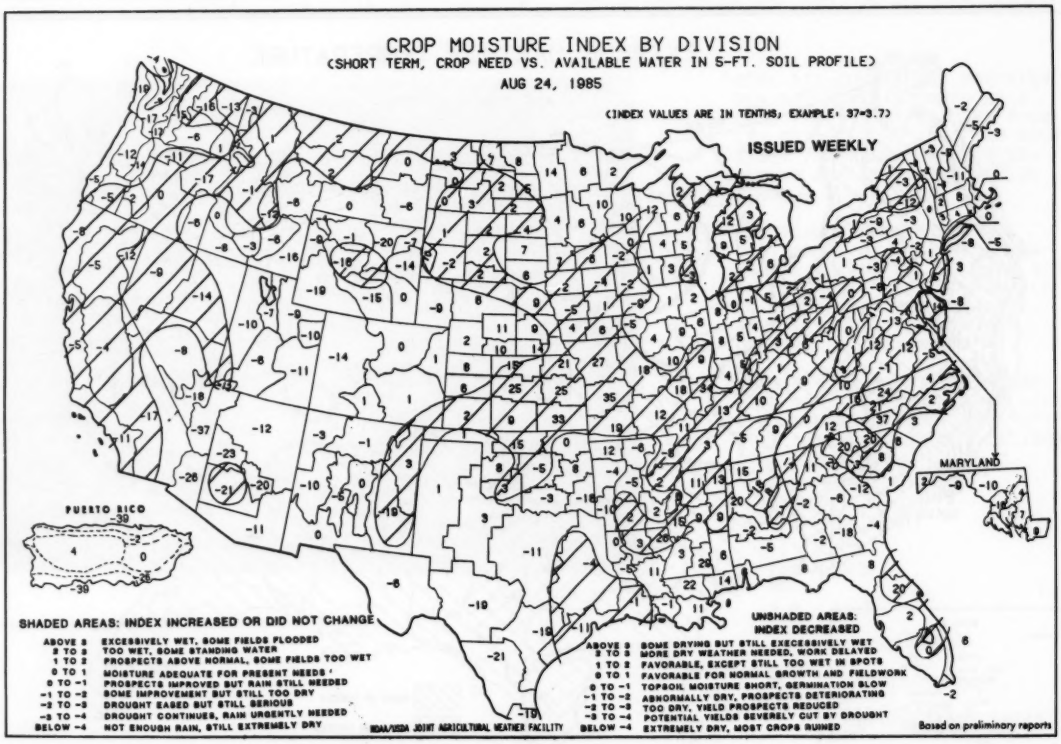
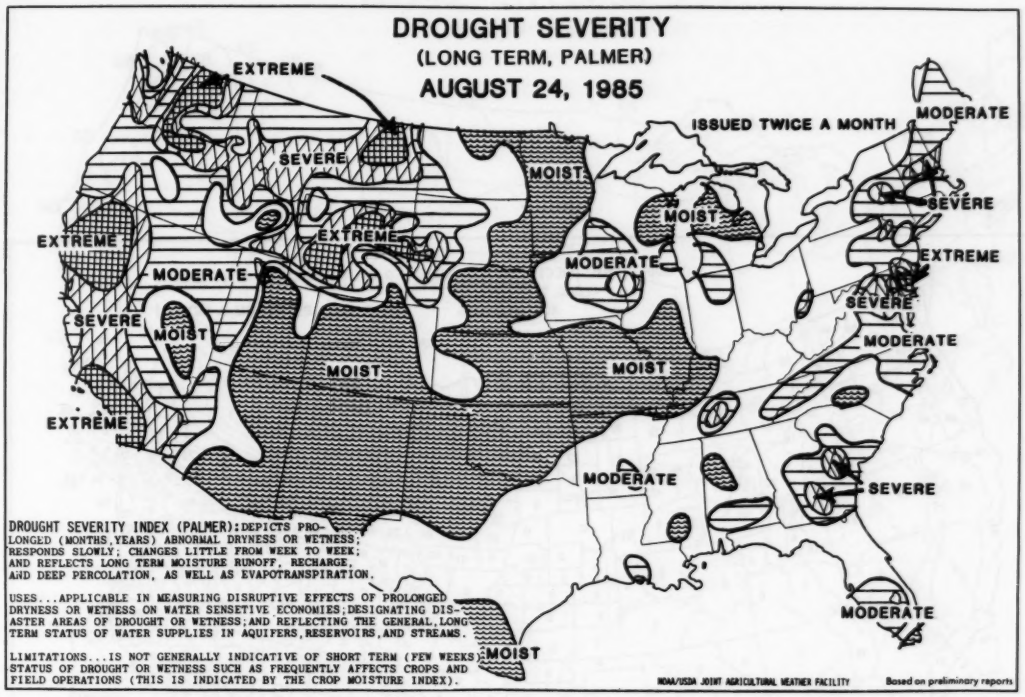
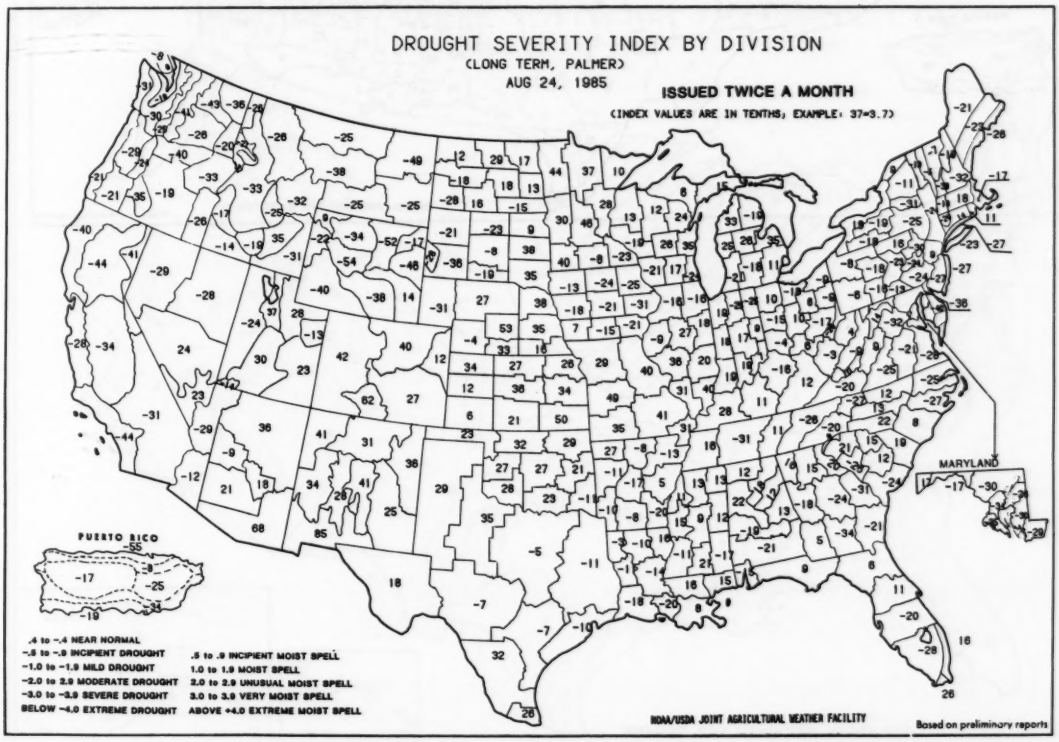

AVERAGE PAN EVAPORATION (INCHES/DAY)
AUG 18-24, 1985
Based on preliminary reports

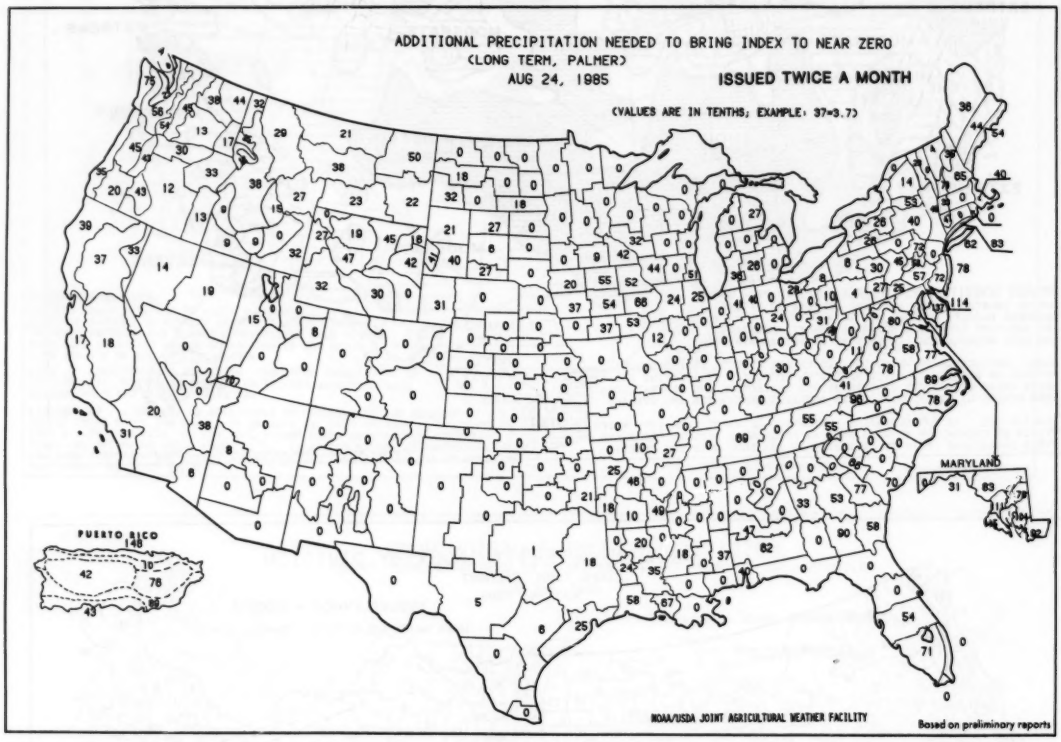

EXTREME MAXIMUM TEMPERATURE
AUG 18-24, 1985
ALASKA
HAWAII
ABOVE 90 DEGREES
ABOVE 100 DEGREES
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

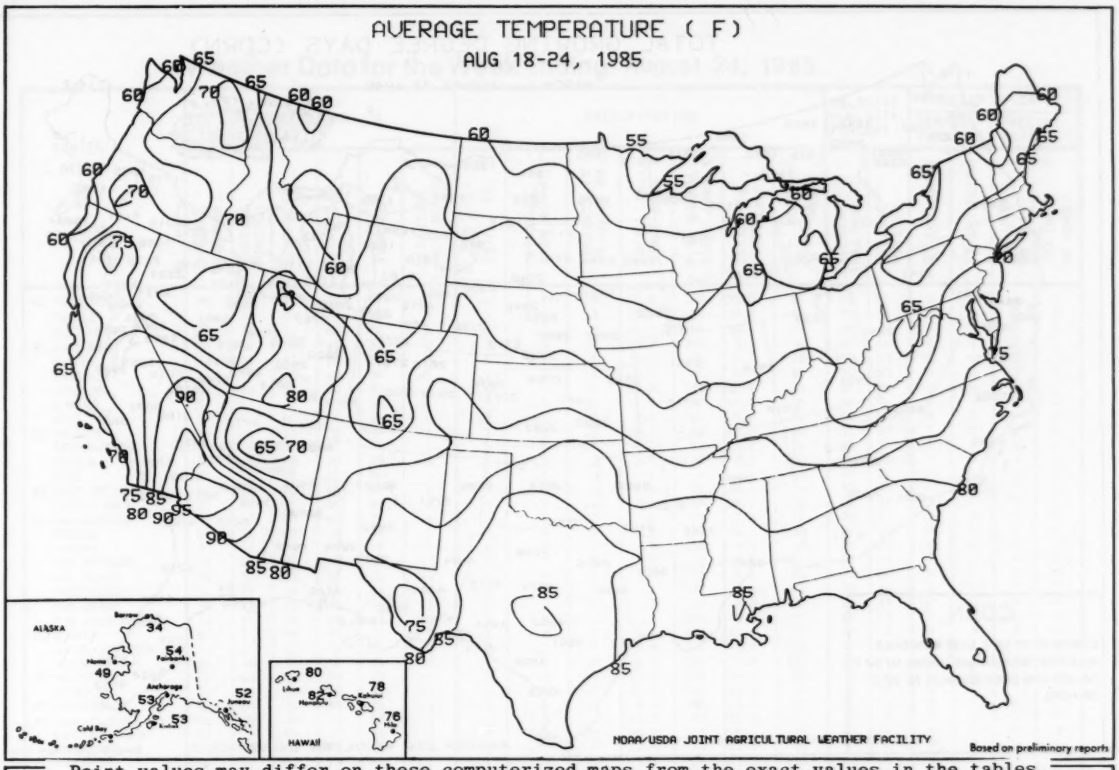

CROP MOISTURE
(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)
AUGUST 24, 1985
ISSUED WEEKLY
ABNORMALLY DRY
FAVORABLY MOIST
ABNORMALLY MOIST
ABNORMALLY DRY
EXCESSIVELY DRY
SLIGHTLY DRY
ABNORMALLY DRY
SLIGHTLY DRY
FAVORABLY MOIST
EXCESSIVELY WET
ABNORMALLY MOIST
TOO WET
EXCESSIVELY WET
SEVERELY DRY
EXCESSIVELY DRY
TOO WET
ABNORMALLY DRY
ABNORMALLY DRY
EXCESSIVELY DRY
CROP MOISTURE:
DEPICTS SHORT TERM (UP TO ABOUT 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK, AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
USES ... APPLICABLE IN MEASURING THE SHORT TERM, WEEK-TO-WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS.
LIMITATIONS ... MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A 5-FOOT PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 50°F. IT IS NOT GENERALLY INDICATIVE OF THE LONG TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


CROP MOISTURE INDEX BY DIVISION
(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)
AUG 24, 1985
(INDEX VALUES ARE IN TENTHS; EXAMPLE: 37=3.7)
ISSUED WEEKLY
MARYLAND
PUERTO RICO
SHADED AREAS: INDEX INCREASED OR DID NOT CHANGE
ABOVE 2 EXCESSIVELY WET, SOME FIELDS FLOODED
2 TO 2 TOO WET, SOME STANDING WATER
1 TO 2 PROSPECTS ABOVE NORMAL, SOME FIELDS TOO WET
0 TO 1 MOISTURE ADEQUATE FOR PRESENT NEEDS
0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2 SOME IMPROVEMENT BUT STILL TOO DRY
-2 TO -3 DROUGHT EASED BUT STILL SERIOUS
-3 TO -4 DROUGHT CONTINUES, RAIN URGENTLY NEEDED
BELOW -4 NOT ENOUGH RAIN, STILL EXTREMELY DRY
UNSHADED AREAS: INDEX DECREASED
ABOVE 2 SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 2 MORE DRY WEATHER NEEDED, WORK DELAYED
1 TO 2 FAVORABLE, EXCEPT STILL TOO WET IN SPOTS
0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO -1 TOPSOIL MOISTURE SHORT, GERMINATION SLOW
-1 TO -2 ABNORMALLY DRY, PROSPECTS DETERIORATING
-2 TO -3 TOO DRY, YIELD PROSPECTS REDUCED
-3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DROUGHT
BELOW -4 EXTREMELY DRY, MOST CROPS RUINED
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

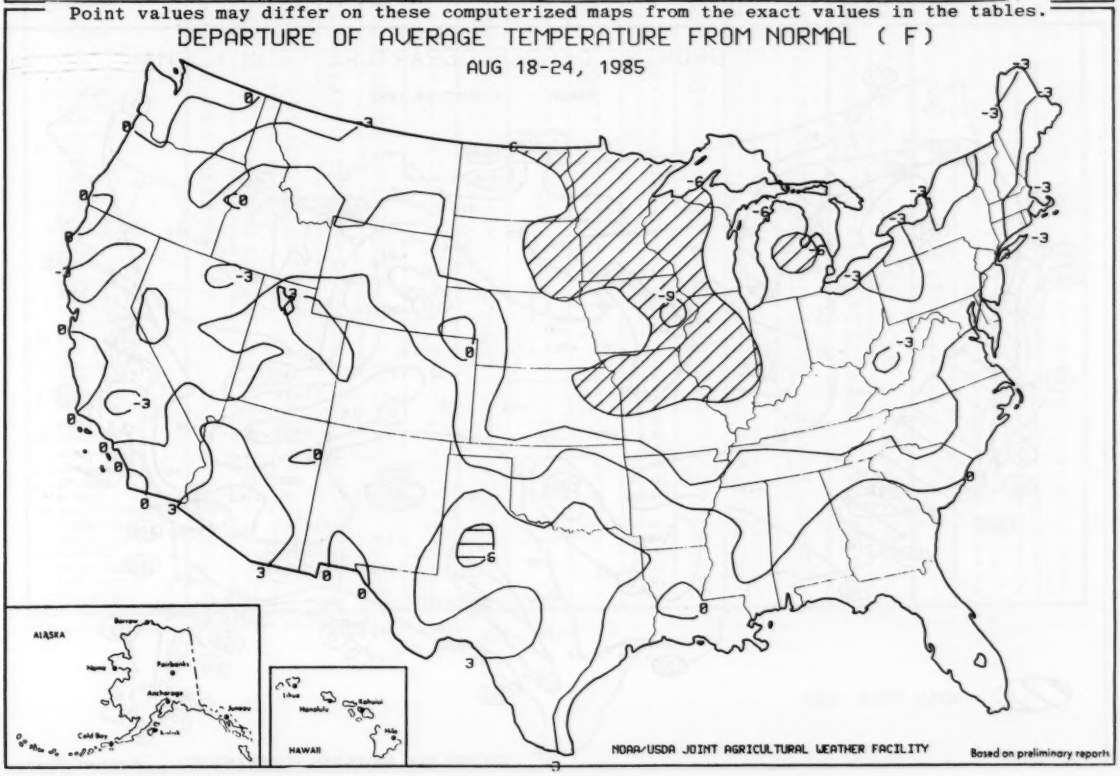

DROUGHT SEVERITY
(LONG TERM, PALMER)
AUGUST 24, 1985
ISSUED TWICE A MONTH
EXTREME
SEVERE
MODERATE
MOIST
DROUGHT SEVERITY INDEX (PALMER):DEPICTS PRO-
LONGED (MONTHS,YEARS) ABNORMAL DRYNESS OR WETNESS;
RESPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK;
AND REFLECTS LONG TERM MOISTURE RUNOFF, RECHARGE,
AND DEEP PERCOLATION, AS WELL AS EVAPOTRANSPIRATION.
USES...APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED
DRYNESS OR WETNESS ON WATER SENSETIVE ECONOMIES;DESIGNATING DIS-
ASTER AREAS OF DROUGHT OR WETNESS;AND REFLECTING THE GENERAL,LONG
TERM STATUS OF WATER SUPPLIES IN AQUIFERS,RESERVOIRS,AND STREAMS.
LIMITATIONS...IS NOT GENERALLY INDICATIVE OF SHORT TERM (FEW WEEKS)
STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND
FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

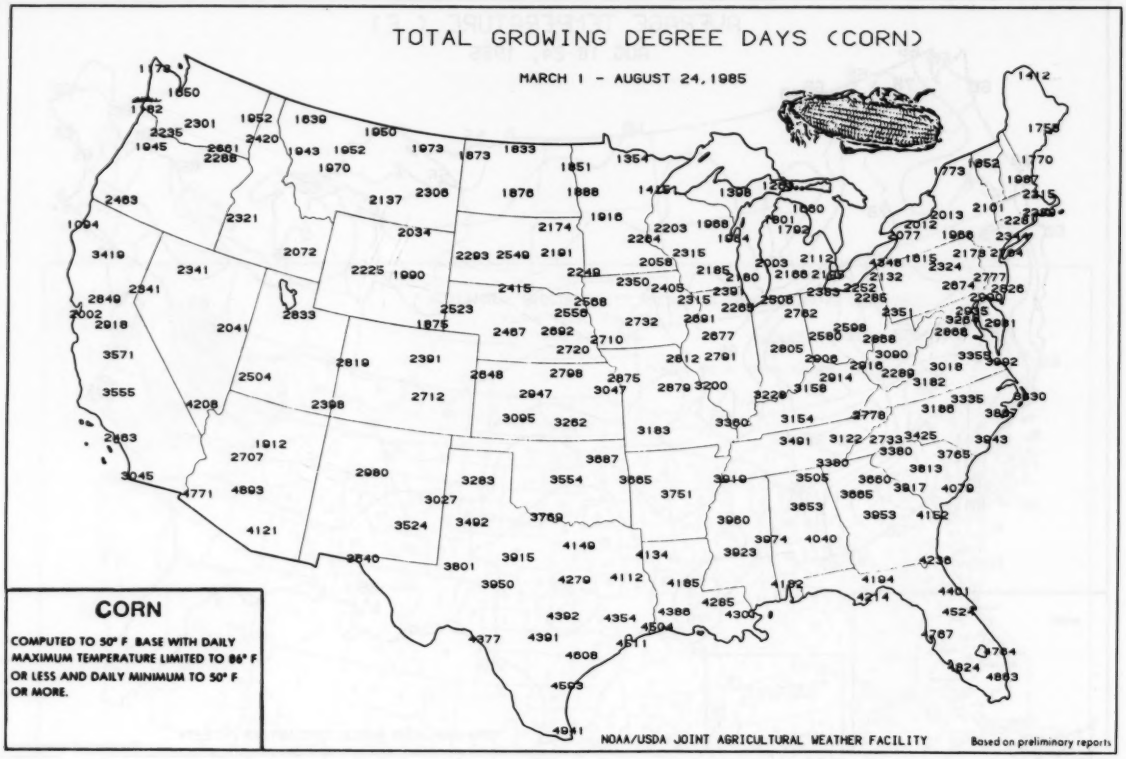

DROUGHT SEVERITY INDEX BY DIVISION
(LONG TERM, PALMER)
AUG 24, 1985
ISSUED TWICE A MONTH
(INDEX VALUES ARE IN TENTHS; EXAMPLE: 37=3.7)
PUERTO RICO
MARYLAND
.4 to -.4 NEAR NORMAL
-.5 to -.9 INCIPIENT DROUGHT
-1.0 to -1.9 MILD DROUGHT
-2.0 to -2.9 MODERATE DROUGHT
-3.0 to -3.9 SEVERE DROUGHT
BELOW -4.0 EXTREME DROUGHT
.5 to .9 INCIPIENT MOIST SPELL
1.0 to 1.9 MOIST SPELL
2.0 to 2.9 UNUSUAL MOIST SPELL
3.0 to 3.9 VERY MOIST SPELL
ABOVE +4.0 EXTREME MOIST SPELL
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

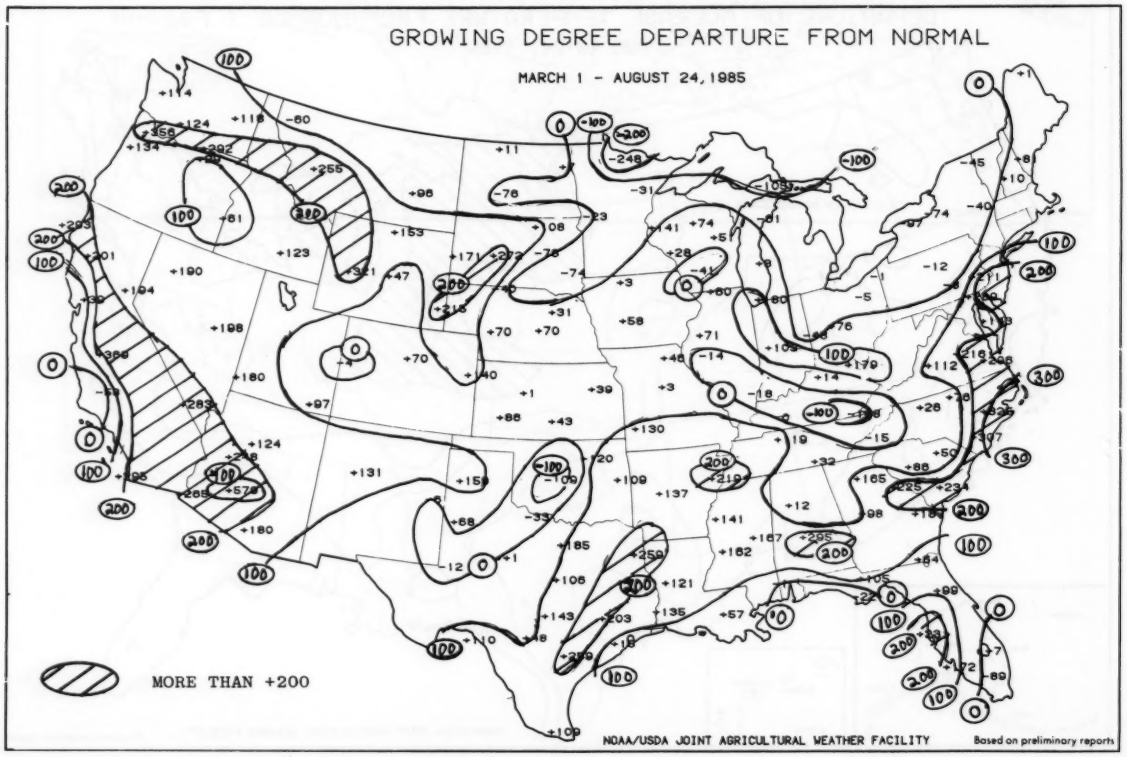

ADDITIONAL PRECIPITATION NEEDED TO BRING INDEX TO NEAR ZERO
(LONG TERM, PALMER)
AUG 24, 1985
ISSUED TWICE A MONTH
(VALUES ARE IN TENTHS; EXAMPLE: 37=3.7)
PUERTO RICO
MARYLAND
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports



Point values may differ on these computerized maps from the exact values in the tables.




TOTAL GROWING DEGREE DAYS (CORN)
MARCH 1 - AUGUST 24, 1985
CORN
COMPUTED TO 50° F BASE WITH DAILY MAXIMUM TEMPERATURE LIMITED TO 86° F OR LESS AND DAILY MINIMUM TO 50° F OR MORE.
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


GROWING DEGREE DEPARTURE FROM NORMAL
MARCH 1 - AUGUST 24, 1985
MORE THAN +200
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

Weather Data for the Week Ending August 24, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE June 1	PCT. NORMAL SINCE June 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	88	67	90	62	77	-2	.4	-.4	.4	17.8	148	35.8	94	99	61	2	0	1	0
MOBILE	92	73	94	69	83	1	.5	-1.0	.3	15.8	88	39.8	89	93	50	7	0	2	0
MONTGOMERY	93	70	95	68	82	1	.4	-.3	.3	10.2	96	30.5	91	98	47	7	0	2	0
AK ANCHORAGE	58	47	64	45	53	-3	1.3	.8	.7	5.0	108	9.3	112	95	64	0	0	5	1
BARROW	38	31	41	28	34	-3	T	-.2	T	1.6	79	2.1	72	100	93	0	6	0	0
FAIRBANKS	61	47	65	40	54	-1	.2	-.2	.1	4.4	96	6.7	99	92	53	0	0	3	0
JUNEAU	58	46	63	42	52	-2	1.4	.2	.7	10.9	101	20.4	75	97	68	0	0	4	1
KODIAK	59	47	62	42	53	-2	.5	-.7	.2	17.9	160	45.7	108	94	66	0	0	3	0
NOME	56	42	60	34	49	0	1.0	.3	.3	5.0	86	8.8	99	96	69	0	0	4	0
AZ PHOENIX	106	82	115	73	94	5	.2	0	.2	1.2	69	3.0	70	52	19	7	0	1	0
PRESCOTT	89	59	97	57	74	4	.5	-.2	.5	4.0	62	9.2	74	72	29	3	0	1	1
TUCSON	101	75	108	72	88	4	.3	-.2	.2	3.8	88	7.2	103	64	23	7	0	3	0
YUMA	109	82	119	79	96	4	0	-.1	0	T	4	.3	20	57	21	7	0	0	0
AR FORT SMITH	90	71	102	68	81	0	.2	-.5	.1	8.4	92	30.5	116	95	57	5	0	3	0
LITTLE ROCK	89	70	95	66	80	0	.7	.1	.6	7.2	86	26.7	86	96	57	3	0	2	1
CA BAKERSFIELD	91	63	97	60	77	-4	0	0	0	.4	550	2.0	51	73	27	5	0	0	0
EUREKA	65	52	69	50	58	1	.5	.4	.5	1.6	175	12.2	54	96	76	0	0	1	1
FRESNO	95	62	103	60	79	1	0	0	0	.4	433	3.4	48	68	24	6	0	0	0
LOS ANGELES	76	62	83	59	69	-2	0	0	0	T	0	3.5	41	81	51	0	0	0	0
RED BLUFF	93	59	103	56	76	-4	.1	0	.1	.6	95	5.5	42	70	17	4	0	1	0
SACREMENTO	91	54	99	51	73	-2	0	0	0	.2	131	4.4	41	92	24	3	0	0	0
SAN DIEGO	78	65	85	63	71	-1	0	0	0	.2	145	2.4	38	86	55	0	0	0	0
SAN FRANCISCO	72	55	78	53	63	0	0	0	0	.3	206	6.9	55	89	53	0	0	0	0
CO DENVER	87	55	92	49	71	0	.1	-.3	0	5.5	114	11.4	99	68	19	3	0	2	0
GRAND JUNCTION	93	63	95	55	78	3	T	-.2	T	1.9	116	6.4	128	41	13	7	0	1	0
PUEBLO	91	60	96	54	75	2	.1	-.3	.1	6.3	141	10.9	135	81	22	5	0	2	0
CT BRIDGEPORT	76	63	80	58	70	-3	T	-.8	T	11.6	127	22.4	85	85	48	0	0	2	0
HARTFORD	77	57	81	49	67	-3	.1	-.8	.1	10.6	111	19.4	70	93	46	0	0	1	0
DC WASHINGTON	81	66	86	59	73	-4	1.1	.1	.8	6.4	60	19.3	75	93	55	0	0	4	1
FL APALACHICOLA	91	75	94	73	83	2	.4	-1.3	.3	17.3	99	31.0	89	93	59	6	0	3	0
DAYTONA BEACH	91	73	93	72	82	1	2.8	1.3	.8	16.8	101	26.2	85	89	56	5	0	5	3
JACKSONVILLE	92	74	94	72	83	2	T	-1.6	T	12.9	74	21.5	60	93	58	7	0	0	0
KEY WEST	90	81	91	79	85	1	.1	-1.0	.1	7.8	64	25.5	116	82	64	5	0	3	0
MIAMI	90	75	92	73	83	0	1.4	-.2	.9	27.5	135	35.7	99	91	59	5	0	4	1
ORLANDO	92	73	93	71	83	0	6.0	4.6	2.5	21.2	105	32.6	95	96	53	7	0	4	4
TALLAHASSEE	92	73	94	70	83	2	1.3	-.3	.6	22.6	108	35.4	78	99	61	7	0	3	2
TAMPA	92	76	94	74	84	2	.6	-1.1	.4	20.0	108	27.1	83	91	57	6	0	4	0
WEST PALM BEACH	90	75	93	73	83	0	.4	-1.0	.3	19.6	108	32.4	92	94	56	5	0	3	0
GA ATLANTA	88	70	91	66	79	1	1.5	.8	1.5	15.7	145	34.1	99	84	50	2	0	1	1
AUGUSTA	93	70	98	68	82	2	.3	-.5	.3	7.8	68	21.6	69	91	45	6	0	2	0
MACON	93	70	96	66	81	1	.6	-.2	.6	8.7	78	22.8	70	96	44	6	0	1	1
SAVANNAH	92	73	94	72	83	2	.3	-1.2	.2	17.5	95	24.8	69	94	50	6	0	3	0
HI HILO	82	69	85	68	76	0	1.2	-1.0	.4	17.2	76	84.6	103	93	67	0	0	5	0
HONOLULU	90	74	91	69	82	1	T	-.1	T	.5	34	8.3	58	82	48	5	0	0	0
KAHULUI	88	68	92	65	78	-1	0	-.1	0	.5	46	6.4	48	91	52	1	0	0	0
LIHUE	86	75	86	70	80	1	T	-.4	T	1.9	38	16.2	63	77	56	0	0	0	0
ID BOISE	86	54	97	49	70	-1	T	-.1	T	1.3	90	5.5	72	60	18	2	0	1	0
LEWISTON	84	54	96	48	69	-3	.2	0	.2	2.6	105	6.4	77	71	22	3	0	1	0
POCATELLO	85	49	92	40	67	-1	T	-.1	T	1.6	79	6.3	86	58	15	2	0	0	0
IL CHICAGO	75	56	79	52	66	-6	.2	-.6	.2	9.6	92	23.5	104	90	50	0	0	1	0
MOLINE	75	56	79	50	66	-7	T	-.8	T	7.3	60	21.3	82	97	55	0	0	2	0
PEORIA	75	57	82	51	66	-6	.5	-.2	.5	12.1	115	25.7	107	96	55	0	0	2	1
QUINCY	73	60	78	53	67	-7	1.3	.4	.9	10.0	88	21.9	86	100	74	0	0	4	1
ROCKFORD	74	54	78	48	64	-6	.9	.1	.9	11.1	92	22.0	88	95	53	0	0	2	1
SPRINGFIELD	75	57	79	51	66	-8	.7	-.1	.6	14.0	144	25.0	106	96	60	0	0	3	1
IN EVANSVILLE	81	62	93	55	72	-4	1.6	1.0	1.0	9.4	94	28.3	98	88	55	1	0	4	1
FORT WAYNE	77	58	85	51	68	-3	.2	-.6	.1	9.2	95	22.4	95	89	54	0	0	3	0
INDIANAPOLIS	78	59	85	55	68	-4	.1	-.6	.1	10.2	92	28.4	105	98	59	0	0	2	0
SOUTH BEND	74	57	80	51	66	-5	.6	-.3	.4	9.4	88	23.6	94	88	53	0	0	2	0
IA DES MOINES	78	60	81	54	69	-5	2.3	1.3	1.6	8.6	81	16.4	74	90	56	0	0	3	2
SIOUX CITY	77	58	83	50	67	-5	.5	-.2	.5	4.6	46	15.4	82	96	58	0	0	3	0
WATERLOO	73	53	77	43	63	-6	.4	-.4	.3	8.6	72	17.0	72	95	58	0	0	2	0
KS CONCORDIA	79	63	90	58	71	-6	1.4	.7	.6	9.6	94	19.2	97	98	62	1	0	4	1
DODGE CITY	84	65	93	61	75	-3	1.7	1.1	1.4	9.0	110	14.9	95	91	53	1	0	3	1
GOODLAND	83	61	94	51	72	-1	.2	-.2	.1	11.6	175	18.2	146	91	45	1	0	3	0
TOPEKA	77	64	86	60	70	-6	1.5	.6	.9	16.0	133	28.5	123	99	73	0	0	3	1
WICHITA	84	67	91	61	76	-3	.6	0	.4	11.6	118	19.9	102	95	57	2	0	2	0
KY BOWLING GREEN	80	64	87	59	72	-4	1.0	.3	.7	12.7	111	25.6	76	99	59	0	0	3	1
LEXINGTON	78	62	87	58	70	-4	.9	.1	.8	11.6	94	25.0	78	94	59	0	0	2	1
LOUISVILLE	80	64	90	60	72	-4	1.1	.4	.6	10.8	105	25.1	84	96	59	1	0	2	1
LA ALEXANDRIA	91	72	93	68	81	-1	.7	.1	.7	15.2	138	35.6	94	94	64	5	0	1	1
BATON ROUGE	91	74	93	72	82	1	.5	-.5	.4	19.1	134	38.0	98	88	51	6	0	3	0
LAKE CHARLES	93	74	96	71	84	2	1.8	.6	.9	11.9	86	30.7	90	97	57	7	0	3	2
NEW ORLEANS	91	74	92	73	83	1	.1	-1.2	.1	17.7	110	42.0	104	89	52	7	0	2	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending August 24, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE June 1	PCT. NORMAL SINCE June 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
SHREVEPORT	98	75	100	73	86	4	.1	-.4	.1	13.3	148	29.4	99	93	44	7	0	2	0
ME CARIBOU	72	48	75	41	60	-2	.4	-.5	.2	9.4	91	19.3	85	96	47	0	0	3	0
PORTLAND	74	55	77	51	65	-1	.2	-.4	.2	7.2	90	16.2	61	89	52	0	0	1	0
MD BALTIMORE	80	63	86	55	71	-4	.8	-.2	.6	6.2	55	19.9	72	91	52	0	0	5	1
SALISBURY	80	63	87	55	72	-3	4.5	3.2	3.2	11.5	94	23.3	79	99	61	0	0	3	2
MA BOSTON	75	62	80	59	69	-2	.2	-.7	.2	11.7	139	21.8	79	88	53	0	0	2	0
CHATHAM	74	60	78	57	67	0	1.8	.8	1.8	12.1	137	26.7	92	--	--	0	0	1	1
MI ALPENA	70	49	81	41	60	-4	1.6	.9	.6	7.2	83	19.7	104	99	57	0	0	4	1
DETROIT	73	57	81	53	65	-5	1.6	.9	1.2	10.1	112	26.2	124	86	54	0	0	2	1
FLINT	72	54	81	50	63	-5	4.8	4.0	3.0	10.1	117	25.5	129	97	55	0	0	3	2
GRAND RAPIDS	72	55	79	49	63	-6	2.3	1.4	1.5	9.8	103	23.1	105	96	56	0	0	3	1
HOUGHTON LAKE	68	51	75	37	59	-5	1.0	.3	.6	6.4	78	17.8	99	94	58	0	0	3	1
LANSING	73	55	79	48	64	-5	2.5	1.8	1.3	9.2	107	22.7	115	95	52	0	0	3	2
MARQUETTE	61	51	66	49	56	-6	1.3	.5	.7	9.4	99	30.0	126	96	70	0	0	3	2
MUSKEGON	73	55	80	48	64	-4	2.7	2.0	2.4	11.2	152	24.1	123	86	55	0	0	3	1
SAULT STE. MARIE	67	50	71	42	58	-4	2.0	1.2	.8	9.2	104	26.0	129	98	61	0	0	4	3
MN ALEXANDRIA	69	53	82	46	61	-6	.5	-.4	.3	7.0	70	16.7	94	95	59	0	0	2	0
DULUTH	60	48	63	41	54	-8	1.3	.4	.8	10.8	97	20.6	101	97	75	0	0	5	1
INT'L FALLS	63	50	71	46	56	-6	.7	0	.5	10.7	109	22.3	135	97	68	0	0	4	0
MINNEAPOLIS	69	56	76	51	62	-7	.4	-.4	.4	7.9	75	19.2	101	83	59	0	0	3	0
ROCHESTER	69	51	77	43	60	-8	1.3	.4	.9	6.4	58	13.6	68	90	57	0	0	3	1
MS GREENWOOD	90	72	92	67	81	1	.4	-.2	.3	7.6	75	22.4	62	99	65	4	0	2	0
JACKSON	92	71	94	65	81	0	.1	-.7	.1	13.2	129	32.1	89	98	54	5	0	2	0
MERIDIAN	91	69	93	65	80	0	1.0	.3	1.0	15.4	134	34.1	91	99	55	6	0	1	1
MO CAPE GIRARDEAU	81	65	91	59	73	--	1.2	.5	.5	9.9	101	34.5	115	95	63	1	0	4	1
COLUMBIA	76	62	82	58	69	-7	4.1	3.4	1.8	18.3	193	36.7	150	98	67	0	0	3	3
KANSAS CITY	75	61	82	58	68	-8	2.7	1.9	2.0	16.2	139	30.7	127	96	67	0	0	3	2
SAINT LOUIS	77	64	83	60	70	-6	2.1	1.5	.8	18.6	199	35.0	148	99	65	0	0	5	1
SPRINGFIELD	82	64	90	59	73	-4	3.7	3.1	3.3	14.8	143	34.6	134	100	63	1	0	6	1
MT BILLINGS	81	51	85	46	66	-3	T	-.3	T	4.1	112	8.4	79	73	25	0	0	0	0
GLASGOW	75	52	81	46	64	-4	.1	-.2	.1	6.4	122	10.0	110	89	39	0	0	2	0
GREAT FALLS	75	50	87	42	63	-4	.2	-.2	.2	5.7	117	10.8	93	86	36	0	0	2	0
HAVRE	77	49	87	46	63	-4	.3	0	.2	2.5	58	5.7	67	89	36	0	0	2	0
HELENA	78	48	88	41	63	-2	.1	-.2	.1	2.9	74	5.1	60	80	25	0	0	2	0
KALISPELL	75	43	83	37	59	-4	.6	.2	.5	2.8	66	7.3	69	92	34	0	0	3	1
MILES CITY	82	54	91	49	68	-3	0	-.3	0	5.5	106	8.7	83	77	28	1	0	0	0
MISSOULA	75	48	86	40	62	-3	1.0	.8	.5	3.5	103	6.9	76	93	39	0	0	3	0
NE GRAND ISLAND	78	60	86	50	69	-5	T	-.6	T	9.3	111	20.0	114	96	57	0	0	1	0
LINCOLN	79	60	85	50	69	-5	0	-.8	0	15.0	155	24.0	121	95	57	0	0	0	0
NORFOLK	78	59	87	48	68	-4	.8	.3	.8	8.1	84	18.3	99	94	54	0	0	1	1
NORTH PLATTE	81	57	92	47	69	-3	.3	-.1	.3	6.0	73	13.1	85	84	45	1	0	3	0
OMAHA	77	61	83	53	69	-4	.2	-.8	.2	6.9	63	16.2	75	91	63	0	0	2	0
SCOTTSBLUFF	86	54	93	43	70	-1	T	-.2	T	2.7	48	6.0	52	93	28	2	0	0	0
VALENTINE	79	55	85	47	67	-4	1.1	.5	.4	6.2	85	9.7	71	76	42	0	0	4	0
NV ELY	88	43	93	39	66	1	0	-.1	0	1.1	54	4.5	73	43	10	3	0	0	0
LAS VEGAS	105	75	110	71	90	3	0	-.1	0	.2	17	.8	29	23	8	7	0	0	0
RENO	88	45	98	42	67	1	0	-.1	0	.1	14	2.1	42	69	10	3	0	0	0
WINNEMUCCA	89	43	101	40	66	-1	T	-.1	T	.5	36	2.9	55	43	10	2	0	0	0
NH CONCORD	77	50	81	41	64	-3	T	-.8	T	6.1	73	15.0	67	96	43	0	0	0	0
NJ ATLANTIC CITY	79	60	83	54	70	-3	1.6	.5	.8	9.1	86	21.2	77	97	60	0	0	4	1
NM ALBUQUERQUE	90	63	95	61	77	1	.1	-.3	.1	2.2	72	6.7	129	74	23	3	0	1	0
CLOVIS	88	65	93	63	77	1	1.8	1.3	1.4	12.1	168	19.9	169	81	38	2	0	2	1
ROSWELL	93	69	99	65	81	2	.1	-.4	.1	4.5	113	9.5	161	74	32	6	0	1	0
NY ALBANY	78	55	83	48	66	-2	T	-.7	T	6.7	75	16.3	71	93	45	0	0	1	0
BINGHAMTON	74	55	80	47	64	-2	.6	-.2	.6	8.3	86	18.2	77	90	46	0	0	1	1
BUFFALO	77	58	87	53	67	-1	1.0	0	1.0	6.8	76	23.6	102	87	42	0	0	1	1
NEW YORK	79	68	82	64	73	-2	T	-1.0	T	11.1	109	22.1	80	89	53	0	0	1	0
ROCHESTER	77	54	88	48	66	-3	.2	-.6	.2	4.7	61	15.9	79	93	42	0	0	1	0
SYRACUSE	77	55	86	49	66	-2	.3	-.5	.3	6.4	62	17.6	70	91	45	0	0	2	0
NC ASHEVILLE	78	61	86	58	70	-2	.5	-.6	.4	11.1	89	23.9	73	99	63	0	0	3	0
CHARLOTTE	83	66	88	62	75	-3	2.7	1.8	1.9	16.5	159	33.4	112	96	59	0	0	3	2
GREENSBORO	79	63	86	57	71	-5	1.1	.2	.5	9.9	86	24.0	83	94	63	0	0	3	1
HATTERAS	84	70	87	59	77	-1	1.8	.4	1.2	13.9	97	30.6	89	95	63	0	0	4	1
NEW BERN	85	70	89	61	78	-1	2.0	.6	1.2	14.7	88	29.4	82	96	60	0	0	4	2
RALEIGH	83	65	87	59	74	-3	1.4	.5	1.2	12.1	105	27.0	94	89	53	0	0	4	1
WILMINGTON	87	71	92	64	79	0	1.7	.2	.8	16.9	93	29.1	80	95	57	3	0	3	2
ND BISMARCK	73	50	85	41	62	-7	2.2	1.9	1.5	7.0	109	14.0	119	97	48	0	0	3	2
FARGO	71	51	76	42	61	-7	.2	-.4	.1	7.4	87	14.7	101	93	54	0	0	2	0
GRAND FORKS	72	49	83	37	60	-6	.3	-.3	.3	5.5	71	12.5	95	94	53	0	0	1	0
WILLISTON	76	51	87	42	64	-4	.1	-.2	.1	4.2	75	8.2	80	88	44	0	0	2	0
OH AKRON-CANTON	75	58	86	54	66	-4	.6	-.1	.3	7.3	74	23.0	93	93	53	0	0	2	0
CINCINNATI	80	59	89	55	69	-4	.9	.2	.6	9.3	87	27.7	99	93	47	0	0	2	1
CLEVELAND	74	57	85	52	66	-4	.2	-.6	.2	8.3	87	22.4	94	93	52	0	0	2	0
COLUMBUS	78	57	88	50	67	-5	1.0	.1	.9	9.9	90	22.3	85	91	49	0	0	2	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending August 24, 1985

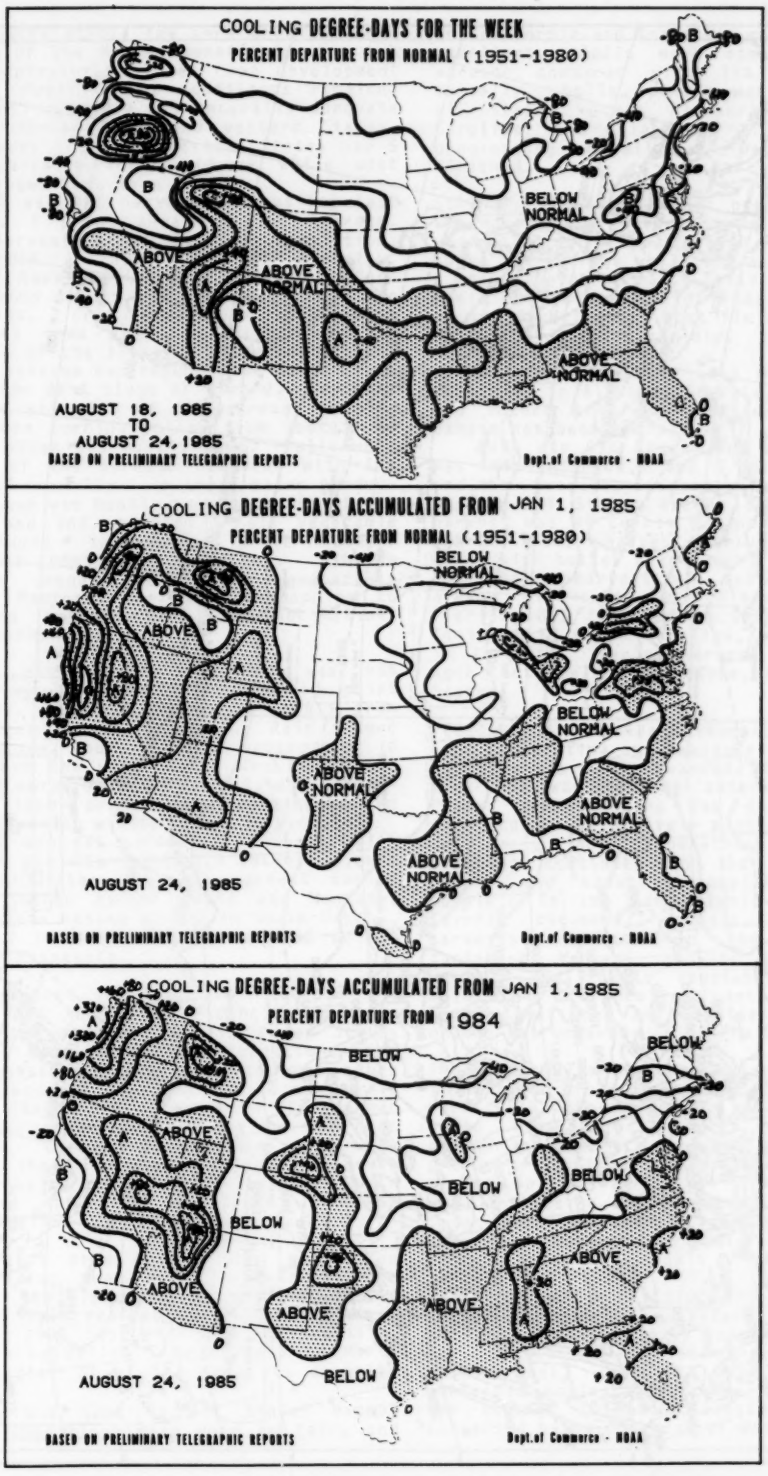
STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE June 1	PCT. NORMAL SINCE June 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	77	58	86	54	68	-5	1.2	.5	1.2	7.0	73	21.8	89	87	48	0	0	1	1
TOLEDO	75	53	85	47	64	-6	.6	-.1	.5	9.4	102	23.6	109	96	57	0	0	2	1
YOUNGSTOWN	76	54	84	49	65	-4	.5	-.3	.4	10.6	103	23.2	92	96	50	0	0	2	0
OK OKLAHOMA CITY	92	72	99	66	82	1	.2	-.4	.2	12.3	142	30.4	142	79	45	4	0	1	0
TULSA	92	72	98	68	82	1	.1	-.6	.1	11.9	116	34.1	132	92	50	4	0	4	0
OR ASTORIA	69	51	82	43	60	-1	T	-.4	T	4.5	99	21.1	55	95	62	0	0	0	0
BURNS	80	42	94	37	61	-5	0	-.2	0	.3	16	3.5	81	--	--	1	0	0	0
MEDFORD	87	55	97	47	71	0	T	-.1	T	.4	31	4.8	44	76	25	3	0	1	0
PENDLETON	81	53	92	46	67	-4	.1	-.1	.1	1.3	94	5.0	68	59	23	1	0	1	0
PORTLAND	79	57	93	50	68	1	0	-.3	0	3.3	122	10.8	52	81	40	1	0	0	0
SALEM	78	52	92	42	65	-1	0	-.2	0	2.9	137	11.8	53	89	38	1	0	0	0
PA ALLENTOWN	78	59	82	50	69	-3	.5	-.5	.5	14.3	130	25.0	87	90	52	0	0	2	1
ERIE	77	60	87	53	68	0	.5	-.4	.4	9.4	95	24.4	101	87	48	0	0	2	0
HARRISBURG	78	64	86	58	71	-3	.8	0	.7	7.1	75	21.3	84	85	51	0	0	2	1
PHILADELPHIA	79	64	82	57	71	-4	.7	-.2	.5	8.2	74	19.6	71	90	54	0	0	4	1
PITTSBURGH	76	57	83	52	66	-4	.8	.1	.7	8.2	84	21.9	86	83	50	0	0	3	1
SCRANTON	76	56	81	48	66	-4	.3	-.5	.3	10.0	105	22.5	100	93	50	0	0	1	0
RI PROVIDENCE	77	59	80	54	68	-2	T	-1.0	T	11.4	128	24.0	85	93	49	0	0	0	0
SC CHARLESTON	90	72	92	70	81	1	1.4	-.1	1.0	22.8	120	31.8	86	96	53	4	0	3	1
COLUMBIA	88	68	94	65	78	-2	1.1	-.2	.8	14.0	99	29.3	83	99	55	3	0	2	1
FLORENCE	86	69	91	66	77	-2	T	-1.0	T	11.4	81	22.7	72	97	59	1	0	2	0
GREENVILLE	83	65	89	63	74	-3	1.1	.2	1.1	15.3	132	29.4	85	96	62	0	0	2	1
SD ABERDEEN	75	51	84	41	63	-6	.9	.5	.9	6.2	87	11.8	86	96	48	0	0	1	1
HURON	75	54	82	45	64	-7	.6	.2	.5	9.5	132	17.4	122	94	57	0	0	2	1
RAPID CITY	80	54	88	45	67	-4	1.2	.9	1.2	4.4	68	8.0	61	85	39	0	0	1	1
SIOUX FALLS	74	53	82	45	64	-7	.9	.2	.6	8.4	95	19.7	113	95	60	0	0	4	1
TN CHATTANOOGA	83	67	90	64	75	-3	1.5	.7	1.4	9.7	92	27.5	78	94	58	1	0	2	1
KNOXVILLE	82	64	89	60	73	-4	.7	.1	.7	11.1	104	25.0	77	99	59	0	0	2	1
MEMPHIS	87	72	92	67	79	-1	.5	-.4	.4	11.0	104	32.5	91	96	65	2	0	3	0
NASHVILLE	83	67	91	62	75	-3	.6	-.2	.5	6.7	66	21.4	64	94	62	1	0	4	0
TX ABILENE	98	75	99	71	86	4	T	-.6	T	6.8	105	16.6	110	63	26	7	0	1	0
AMARILLO	94	67	99	64	80	4	.1	-.6	.1	6.8	80	13.7	96	80	31	7	0	1	0
AUSTIN	100	76	102	75	88	4	T	-.5	T	7.2	110	16.5	84	87	29	7	0	0	0
BEAUMONT	93	74	95	73	84	1	6.4	5.2	5.0	20.3	151	41.6	127	100	59	7	0	4	2
BROWNSVILLE	96	75	97	74	86	2	T	-.7	T	11.0	180	19.6	150	96	46	7	0	1	0
CORPUS CHRISTI	96	74	98	73	85	0	0	-.9	0	5.0	65	18.8	112	81	41	7	0	0	0
DEL RIO	98	77	99	76	88	3	0	-.4	0	6.8	150	14.0	135	68	26	7	0	0	0
EL PASO	94	66	102	65	80	0	1.1	.9	.9	2.9	95	4.7	100	88	31	6	0	3	1
FORT WORTH	101	78	105	74	90	5	.1	-.3	.1	6.7	115	19.7	100	68	29	7	0	1	0
GALVESTON	89	79	90	73	84	1	1.3	.3	1.3	11.9	114	29.0	122	82	61	2	0	2	1
HOUSTON	96	74	99	74	85	3	.7	-.2	.7	11.2	112	29.1	104	97	46	7	0	2	1
LUBBOCK	96	70	101	66	83	6	.2	-.3	.1	9.1	132	14.3	115	76	28	6	0	2	0
MIDLAND	99	70	103	68	85	5	T	-.3	T	3.9	90	7.2	82	68	23	7	0	1	0
SAN ANGELO	100	73	101	69	86	3	.1	-.4	.1	4.9	112	12.9	118	74	25	7	0	1	0
SAN ANTONIO	97	77	99	76	87	3	.2	-.5	.2	14.2	206	27.4	152	84	32	7	0	1	0
VICTORIA	99	76	100	75	88	4	.5	-.4	.5	8.7	93	29.2	133	94	39	7	0	1	0
WACO	103	76	105	71	89	4	.6	.1	.6	7.0	121	17.2	86	76	29	7	0	1	1
WICHITA FALLS	101	74	104	70	87	4	.7	.2	.7	8.6	134	23.9	137	69	29	7	0	2	1
UT BLANDING	89	55	94	52	72	2	0	-.3	0	3.0	118	8.8	128	57	18	3	0	0	0
CEDAR CITY	90	56	95	53	73	2	0	-.2	0	1.7	67	6.5	96	51	15	3	0	0	0
SALT LAKE CITY	91	64	94	55	78	4	0	-.2	0	2.2	91	9.4	90	45	13	5	0	0	0
VT BURLINGTON	76	55	84	48	66	-1	.1	-.9	0	9.0	89	19.5	90	86	39	0	0	2	0
VA NORFOLK	82	68	87	60	75	-2	.7	-.5	.5	14.5	113	27.7	91	85	53	0	0	2	1
RICHMOND	84	65	91	58	75	-2	6.4	5.3	5.6	18.4	144	30.0	103	87	51	1	0	4	2
ROANOKE	81	61	90	55	71	-3	3.8	2.9	2.9	14.1	143	30.7	117	88	52	1	0	3	1
WA COLVILLE	79	51	90	43	65	-1	.1	-.2	.1	2.3	75	7.1	66	75	39	1	0	1	0
QUILLAYUTE	72	47	85	38	59	0	T	-.7	T	3.4	46	28.8	50	97	49	0	0	0	0
SEATTLE-TACOMA	75	54	86	51	64	1	0	-.3	0	3.5	113	11.3	54	82	37	0	0	0	0
SPOKANE	79	52	89	45	65	-2	T	-.2	T	1.1	50	5.2	51	71	23	0	0	1	0
YAKIMA	82	50	90	40	66	-2	0	-.1	0	.5	51	2.4	50	70	27	1	0	0	0
WV BECKLEY	74	56	81	46	65	-4	1.0	.3	.8	11.4	102	25.9	88	98	64	0	0	3	1
CHARLESTON	80	61	89	54	71	-3	.9	0	.8	8.0	66	25.3	85	89	54	0	0	2	1
HUNTINGTON	78	60	86	53	69	-5	2.3	1.5	2.2	13.2	120	28.8	101	99	56	0	0	2	1
PARKERSBURG	77	59	86	51	68	-5	.4	-.4	.3	5.2	44	19.8	66	98	52	0	0	2	0
WI GREEN BAY	69	53	74	48	61	-5	1.0	.3	.8	11.9	135	22.9	122	94	58	0	0	2	1
LA CROSSE	72	54	78	48	63	-8	.5	-.3	.3	6.7	62	15.4	72	94	56	0	0	2	0
MADISON	71	52	75	44	62	-6	.8	-.1	.7	9.5	89	20.8	98	92	54	0	0	2	1
MILWAUKEE	73	57	78	52	65	-4	.5	-.2	.4	4.8	51	17.8	84	93	54	0	0	2	0
WAUSAU	66	53	72	47	60	-7	1.5	.6	.8	10.4	94	19.1	89	93	61	0	0	3	2
WY CASPER	85	46	91	41	66	-2	T	-.1	T	3.0	106	7.5	88	71	14	2	0	0	0
CHEYENNE	82	51	87	45	66	0	.3	0	.2	12.1	242	15.3	147	78	23	0	0	4	0
LANDER	85	52	89	49	68	1	.1	-.1	0	2.8	110	5.6	58	54	12	0	0	2	0
SHERIDAN	85	49	94	43	67	0	0	-.2	0	2.7	70	6.8	62	69	21	2	0	0	0
PR SAN JUAN	91	78	93	75	84	2	.5	-.9	.3	5.4	38	19.3	63	90	60	6	0	4	0

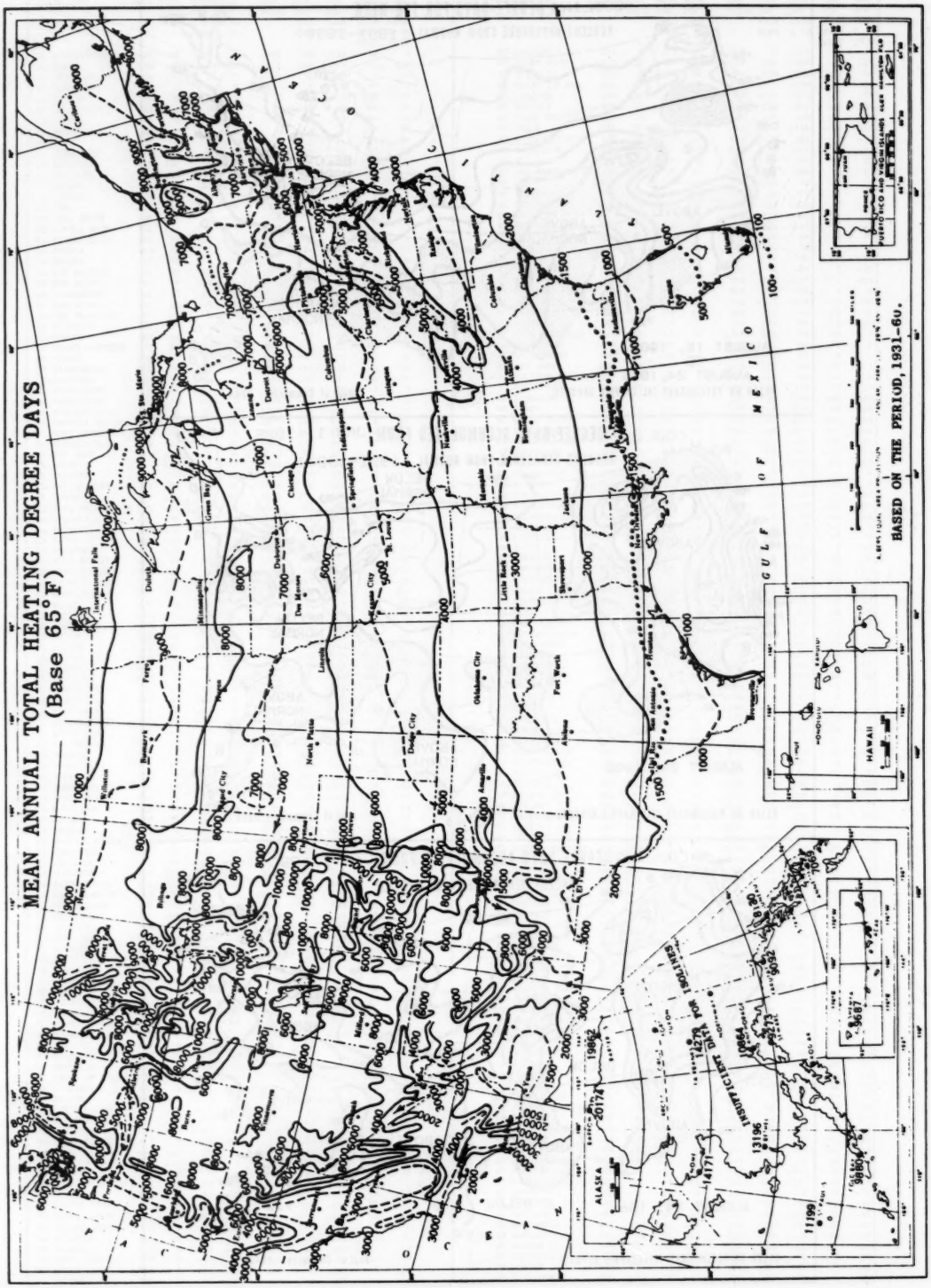
BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

COOLING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-NESDIS-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 8-24-1985
ACCUMULATIONS ARE FROM JANUARY 1
** = NORMAL LESS THAN 100 OR RATIO INCALCULABLE

STATE CITY	CALL	WEEK TOTAL	WEEK DEV FROM NORM	WEEK DEV FROM L YR	CUM TOTAL	CUM DEV FROM NORM	CUM DEV FROM L YR	CUM DEV FROM NORM PRCT	CUM DEV FROM L YR PRCT
AL BIRMINGHAM	BHM	90	-9	-6	1391	-56	102	-4	8
AL MOBILE	MOB	125	6	16	1810	-104	249	-5	16
AL MONTGOMERY	MGM	119	7	15	1760	55	215	3	14
AK ANCHORAGE	ANC	0	0	0	1	1	-5	**	**
AK BARROW	BRW	0	0	0	0	0	0	**	**
AK FAIRBANKS	FAI	0	0	0	36	-20	-9	**	**
AK JUNEAU	JNU	0	0	0	0	0	0	**	**
AK KODIAK	ADQ	0	0	0	0	0	-6	**	**
AK NOME	OME	0	0	0	13	13	11	**	**
AZ FLAGSTAFF	FLG	11	4	11	162	39	79	32	95
AZ PHOENIX	PHX	205	36	45	3443	753	274	28	9
AZ PRESCOTT	PRC	65	30	48	780	261	48	50	7
AZ TUCSON	TUS	161	31	55	2356	319	237	16	11
AZ WINSLOW	INW	71	-1	20	991	7	-77	1	-7
AZ YUMA	YUM	215	27	56	3375	411	110	14	3
AR FORT SMITH	FSM	109	1	-21	1528	5	126	0	9
AR LITTLE ROCK	LRK	104	-5	3	1578	-8	134	-1	9
CA BAKERSFIELD	BFL	89	-28	-40	1643	-82	47	-5	3
CA EUREKA	EKA	0	0	0	14	14	14	**	**
CA FRESNO	FAT	99	7	-34	1794	470	-83	35	-4
CA LOS ANGELES	LAX	30	-12	-36	381	-22	-143	-5	-27
CA RED BLUFF	RBL	79	-22	-16	1611	181	24	13	2
CA SACRAMENTO	SAC	53	-11	-10	932	74	-144	8	-13
CA SAN DIEGO	SAN	46	-9	-42	660	171	-329	35	-33
CA SAN FRANCISCO	SFO	1	-3	0	107	70	-33	**	**
CA STOCKTON	SCK	54	-25	-22	878	-184	-400	-17	-31
CO DENVER	DEN	44	5	11	578	0	-32	0	-5
CO GRAND JUNCTION	GJT	91	22	36	984	-25	-57	-2	-5
CO PUEBLO	PUB	73	13	12	801	-63	-127	-7	-14
CT BRIDGEPORT	BDR	34	-19	-2	368	-42	-145	-7	-20
CT HARTFORD	BDL	19	-23	4	459	-123	-147	-21	-24
DE WILMINGTON	ILG	45	-21	25	930	106	28	13	3
DC WASHINGTON	DCA	59	-26	0	1174	36	27	3	2
FL APALACHICOLA	AQQ	126	14	18	1794	-34	280	-2	18
FL DAYTONA BEACH	DAB	121	9	16	2095	148	473	8	29
FL FORT MEYER	FMY	138	14	8	2713	265	296	11	12
FL JACKSONVILLE	JAX	127	15	35	1948	172	299	10	18
FL KEY WEST	EYW	143	10	10	3163	59	253	2	9
FL MIAMI	MIA	125	-1	12	2638	-44	154	-2	6
FL ORLANDO	MCO	126	7	20	2306	0	374	0	19
FL TALLAHASSEE	TLH	125	13	16	1876	84	217	5	13
FL TAMPA	TPA	134	15	20	2530	271	340	12	16
FL WEST PALM BEACH	PBI	127	4	12	2515	64	275	3	12
GA ATLANTA	ATL	99	8	6	1402	112	168	9	14
GA AUGUSTA	AGS	120	18	16	1769	281	277	19	19
GA MACON	MCN	117	7	-2	1768	85	113	5	7
GA SAVANNAH	SAV	124	14	30	1964	267	273	16	16
HI HILO-HAWAII	ITO	78	1	3	1707	-235	-409	-12	-19
HI HONOLULU-OAHU	HNL	117	5	3	2798	66	-264	2	-9
HI KAHULUI-MAUI	OGG	93	-7	3	2119	-257	-817	-11	-28
HI LIHUE-KAUAI	LIH	107	9	5	2471	166	-440	7	-15
ID BOISE	BOI	38	-11	-26	660	39	-14	6	-2
ID LEWISTON	LWS	34	-19	-24	744	132	59	22	9
ID POCATELLO	PIH	20	-9	-17	377	-8	16	-2	4
IL CHICAGO	ORD	12	-37	-12	490	-131	-90	-21	-16
IL MOLINE	MLI	10	-41	-24	721	-55	-97	-7	-12
IL PEORIA	PIA	16	-36	-24	679	-123	-146	-15	-18
IL QUINCY	UIN	15	-46	-28	771	-159	-215	-17	-22
IL ROCKFORD	RFD	7	-35	-16	523	-96	-86	-16	-14
IL SPRINGFIELD	SPI	15	-46	-38	772	-189	-174	-20	-18
IN EVANSVILLE	EVV	48	-26	0	1155	27	30	2	3
IN FORT WAYNE	FWA	24	-18	-7	775	128	53	20	7
IN INDIANAPOLIS	IND	25	-29	-15	780	-37	-34	-5	-4
IN SOUTH BEND	SBN	12	-32	-24	600	1	-104	0	-15
IA DES MOINES	DSM	27	-30	-26	784	-84	-155	-10	-17
IA DUBUQUE	DBQ	1	-35	-15	466	-60	-55	-11	-11
IA SIOUX CITY	SUX	22	-33	-17	563	-143	-68	-18	-9
IA WATERLOO	ALO	5	-34	-8	562	-30	2	-5	0
KS CONCORDIA	CNK	43	-38	-11	909	-200	-249	-18	-22
KS DODGE CITY	DDC	71	-17	-35	1179	-32	-204	-3	-15
KS GOODLAND	GLD	49	-6	-13	797	2	126	0	19
KS TOPEKA	TOP	39	-41	-25	1011	-121	-13	-11	-1
KS WICHITA	ICT	76	-21	-31	1270	-99	-106	-7	-8
KY BOWLING GREEN	BWG	53	-28	-2	1031	-121	75	-11	8
KY LEXINGTON	LEX	36	-30	-19	816	-125	-86	-13	-10
KY LOUISVILLE	SDF	50	-26	-10	1039	-44	-30	-4	-3
LA ALEXANDRIA	AEX	116	-3	-4	1853	-27	181	-1	11
LA BATON ROUGE	BTR	124	12	10	1901	-1	168	0	10
LA LAKE CHARLES	LCH	133	14	7	2052	124	155	6	8
LA NEW ORLEANS	MSY	123	6	7	1884	-75	284	-4	18
LA SHREVEPORT	SHV	151	32	8	1927	95	224	5	13
ME CARIBOU	CAR	0	-7	-2	128	-14	-64	-10	-33
ME PORTLAND	PWM	5	-16	-3	263	33	-92	15	-26
MD BALTIMORE	BWI	45	-26	12	915	-5	63	-1	7
MD SALISBURY	SBY	50	-18	2	919	53	-62	6	-6
MA BOSTON	BOS	28	-16	-9	533	-46	-243	-8	-31
MA CHATHAM	CHH	11	-10	-21	182	-19	-84	-9	-32
MI ALPENA	APN	4	-11	-9	160	-11	-74	-6	-32
MI DETROIT	DTW	10	-31	-17	400	-121	-209	-23	-34
MI FLINT	FNT	5	-23	-17	343	-52	-172	-13	-33
MI GRAND RAPIDS	GRR	5	-30	-23	382	-114	-183	-23	-32
MI HOUGHTON LAKE	HTL	4	-17	-15	198	-65	-108	-25	-35
MI LANSING	LAN	6	-26	-17	368	-98	-159	-21	-30
MI MARQUETTE	MQT	0	-8	-2	96	-52	-42	-35	-30
MI MUSKEGON	MKG	9	-22	-9	309	-90	-78	-23	-20
MI SAULT ST MARIE	SSM	0	-14	0	42	-91	-67	-68	-61
MN ALEXANDRIA	AXN	5	-22	-21	298	-122	-198	-29	-40
MN DULUTH	DLH	0	-13	-7	87	-56	-113	-39	-57
MN INT'L FALLS	INL	0	-13	-7	61	-148	-119	-71	-66
MN MINNEAPOLIS	MSP	4	-34	-28	531	-63	-101	-11	-16
MN ROCHESTER	RST	4	-21	-4	367	-72	21	-16	6
MN SAINT CLOUD	STC	3	-18	-17	291	-78	-137	-21	-32
MS GREENWOOD	GWO	113	5	11	1731	13	216	1	14
MS JACKSON	JAN	114	2	5	1690	-45	87	-3	5
MS MERIDIAN	MEI	109	0	2	1698	59	424	4	33
MO CAPE GIRARDEAU	CGI	59	-28	-6	1261	-21	26	-2	2
MO COLUMBIA	COU	28	-45	-41	810	-224	-175	-22	-18
MO KANSAS CITY	MCI	24	-53	-41	811	-296	-198	-27	-20
MO SAINT LOUIS	STL	39	-41	-39	1129	-54	-189	-5	-14
MO SPRINGFIELD	SGF	56	-25	-30	1115	8	-2	1	0
MT BILLINGS	BIL	15	-23	-45	515	37	-175	8	-25
MT GLASGOW	GGW	6	-31	-60	360	-43	-320	-11	-47
MT GREAT FALLS	GTF	9	-19	-36	383	63	-35	20	-8
MT HAVRE	HVR	6	-27	-31	368	6	-105	2	-22
MT HELENA	HLN	5	-16	-27	410	153	30	61	14
MT KALISPELL	FCA	0	-17	-17	146	1	-11	1	-7
MT MILES CITY	MLS	25	-27	-53	627	-41	-209	-6	-25
MT MISSOULA	MSO	5	-14	-26	394	198	141	101	56
NE GRAND ISLAND	GRI	34	-27	-19	739	-147	-238	-17	-24
NE LINCOLN	LNK	36	-31	-21	749	-215	-253	-22	-25
NE NORFOLK	OFK	32	-23	-17	652	-158	-201	-20	-24
NE NORTH PLATTE	LBF	39	-7	-15	600	-76	-89	-11	-13
NE OMAHA	OMA	32	-34	-13	745	-257	-144	-26	-16
NE SCOTTSBLUFF	BFF	37	-3	-32	643	13	-92	2	-13
NE VALENTINE	VTN	22	-23	-25	621	-42	-73	-6	-11
NV ELY	ELY	8	-6	8	194	27	35	16	22
NV LAS VEGAS	LAS	175	19	67	2631	344	306	15	13
NV RENO	RNO	17	-7	-12	515	206	59	67	13
NV WINNEMUCCA	WMC	16	-16	-29	349	96	108	21	24
NH CONCORD	CON	4	-17	2	299	-22	-103	-7	-26
NJ ATLANTIC CITY	ACY	35	-17	-9	878	208	-56	31	-6
NM ALBUQUERQUE	ABQ	83	10	14	995	-56	-147	-5	-13
NM CLOVIS	CVS	82	15	1	971	-10	90	-1	10
NM ROSWELL	ROW	112	17	22	1382	-123	75	-8	6
NY ALBANY	ALB	16	-13	6	357	-80	-58	-18	-14
NY BINGHAMTON	BGM	10	-11	7	301	14	-94	5	-24
NY BUFFALO	BUF	18	-12	17	363	-46	-117	-11	-24
NY NEW YORK	LGA	59	-9	8	865	17	18	2	2
NY ROCHESTER	ROC	13	-21	1	322	-133	-137	-29	-30
NY SYRACUSE	SYR	14	-20	13	341	-97	-2	-22	-1
NC ASHEVILLE	AVL	38	-14	4	590	-85	54	-13	10
NC CAPE HATTERAS	HAT	88	-3	-9	1347	224	98	20	8
NC CHARLOTTE	CLT	68	-20	1	1185	-41	66	-3	6
NC GREENSBORO	GSO	46	-30	-6	969	-101	23	-9	2
NC NEW BERN	EWN	89	-9	-3	1643	297	49	22	3
NC RALEIGH DURHAM	RDU	62	-20	1	1100	-14	46	-1	4
NC WILMINGTON	ILN	99	-1	26	1694	250	338	17	25
ND BISMARCK	BIS	7	-30	-21	287	-136	-144	-32	-33
ND FARGO	FAR	5	-25	-16	270	-162	-234	-38	-46
ND GRAND FORKS	GFK	6	-20	-7	218	-168	-164	-44	-43
ND WILLISTON	ISN	9	-24	-50	310	-82	-257	-21	-45
OH AKRON-CANTON	CAK	15	-25	6	410	-103	-93	-20	-19
OH CLEVELAND	CLE	13	-24	1	420	-83	-61	-17	-13
OH COLUMBUS	CMH	20	-29	-4	593	-108	-105	-15	-15
OH CINCINNATI	CVG	32	-28	-11	837	-5	31	-1	4
OH DAYTON	DAY	20	-33	4	602	-172	-1	-22	0
OH TOLEDO	TOL	8	-30	-6	514	-8	-48	-2	-9
OH YOUNGSTOWN	YNG	11	-21	-5	312	-95	-170	-23	-35
OK OKLAHOMA CITY	OKC	120	11	-13	1476	-15	-29	-1	-2
OK TULSA	TUL	121	9	-3	1578	-9	18	-1	1
OR ASTORIA	AST	0	-1	0	21	0	17	**	**
OR BURNS	4BW	50	27	45	308	5	121	2	65
OR MEDFORD	MFR	42	-3	-2	672	156	136	30	25
OR PENDLETON	PDT	27	-21	-11	599	-1	71	0	13
OR PORTLAND	PDX	26	-2	-3	483	218	174	82	56
OR SALEM	SLE	16	-5	10	266	78	124	40	87
PA ALLENTOWN	ABE	27	-18	3	619	-10	-124	-2	-17
PA ERIE	ERI	26	-1	8	423	97	-93	30	-18
PA HARRISBURG	CXY	29	-32	-14	725	-103	-118	-12	-14
PA PHILADELPHIA	PHL	46	-22	11	787	-90	-31	-10	-4
PA PITTSBURGH	PIT	14	-27	0	429	-101	-32	-19	-7
PA SCRANTON	AVP	14	-21	-1	370	-112	-219	-23	-37
RI PROVIDENCE	PVD	25	-13	-5	503	13	-86	3	-15
SC CHARLESTON	CHS	113	9	18	1792	249	188	16	12
SC COLUMBIA	CAE	94	-10	2	1554	-18	103	-1	7
SC FLORENCE	FLO	88	-13	4	1536	4	183	0	14
SC GREENVILLE	GSP	66	-18	-1	1150	-45	7	-4	1
SD ABERDEEN	ABR	13	-26	-11	451	-78	-44	-15	-9
SD HURON	HON	14	-33	-13	457	-195	-187	-30	-29
SD RAPID CITY	RAP	21	-25	-27	547	-9	10	-2	2
SD SIOUX FALLS	FSD	12	-35	-21	443	-225	-200	-34	-31
TN CHATTANOOGA	CHA	78	-18	-9	1183	-53	72	-4	6
TN KNOXVILLE	TYS	57	-25	2	966	-176	88	-15	10
TN MEMPHIS	MEM	102	-4	5	1709	99	158	6	10
TN NASHVILLE	BNA	70	-21	-6	1352	55	224	4	20
TX ABILENE	ABI	151	28	-3	1836	-46	-147	-2	-7
TX AMARILLO	AMA	110	30	29	1308	150	338	13	35
TX AUSTIN	AUS	163	27	-5	2214	78	-146	4	-6
TX BROWNSVILLE	BRO	146	13	12	2725	100	49	4	2
TX CORPUS CHRISTI	CRP	140	0	3	2250	-251	-54	-10	-2
TX DEL RIO	DRT	159	19	8	2237	-201	-208	-8	-9
TX EL PASO	ELP	106	3	-8	1569	-106	-104	-6	-6
TX FORT WORTH	DFW	173	31	3	2092	-54	80	-3	4
TX GALVESTON	GLS	135	9	2	1999	-40	28	-2	1
TX HOUSTON	IAH	144	22	1	2093	106	209	5	11
TX LUBBOCK	LBB	128	41	23	1442	85	133	6	10
TX MIDLAND ODESSA	MAF	141	35	20	1809	140	147	8	9
TX BEAUMONT	BPT	133	7	2	2158	125	294	6	16
TX SAN ANGELO	SJT	150	25	6	1877	-112	-51	-6	-3
TX SAN ANTONIO	SAT	157	24	9	2148	-42	-135	-2	-6
TX VICTORIA	VCT	160	27	17	2390	119	92	5	4
TX WACO	ACT	172	30	-5	2303	148	127	7	6
TX WICHITA FALLS	SPS	159	29	7	1795	-127	-111	-7	-6
UT BLANDING	ABL	53	17	19	614	69	-31	13	-5
UT CEDAR CITY	CDC	4495	4452	4439	5152	4575	4521	795	728
UT SALT LAKE CITY	SLC	90	28	12	1093	263	154	32	16
UT BURLINGTON	BTV	16	-8	9	299	-51	-154	-15	-34
VA LYNCHBURG	LYH	39	-26	-3	806	-63	-64	-7	-7
VA NORFOLK	ORF	74	-12	2	1237	114	39	10	3
VA RICHMOND	RIC	70	-9	20	1274	214	115	20	10
VA ROANOKE	ROA	42	-23	4	1014	132	133	15	15
WA COLVILLE	63S	12	-14	-6	407	140	145	52	55
WA QUILLAYUTE	UIL	0	-4	0	21	-7	15	**	**
WA SEATTLE-TACOMA	SEA	12	-2	6	203	56	89	38	78
WA SPOKANE	GEG	18	-17	-10	416	68	55	20	15
WA WALLA WALLA	ALW	47	-14	-6	946	230	67	32	8
WA YAKIMA	YKM	17	-17	-5	460	45	89	11	24
WV BECKLEY	BKW	14	-14	6	348	-42	-68	-11	-16
WV CHARLESTON	CRW	42	-16	0	949	142	35	18	4
WV HUNTINGTON	HTS	28	-33	4	788	-104	-143	-17	-15
WV PARKERSBURG	PKB	25	-33	-23	768	-47	-120	-6	-14
WI GREEN BAY	GRB	0	-21	-8	288	-69	-76	-19	-21
WI LACROSSE	LSE	5	-36	-9	510	-100	-54	-16	-10
WI MADISON	MSN	3	-24	-10	384	-41	-75	-10	-16
WI MILWAUKEE	MKE	12	-21	-12	494	81	-97	20	-16
WI WAUSAU	AUW	0	-21	-7	305	-35	-34	-10	-10
WY CASPER	CPR	18	-10	-18	327	-66	-143	-17	-15
WY CHEYENNE	CYS	17	-2	10	265	-7	83	-3	46
WY LANDER	LND	25	-3	-23	481	106	-69	28	-13
WY SHERIDAN	SHR	18	-13	-26	350	-13	-80	-4	-19


COOLING DEGREE-DAYS FOR THE WEEK
PERCENT DEPARTURE FROM NORMAL (1951-1980)
BELOW NORMAL
ABOVE
ABOVE NORMAL
ABOVE NORMAL
AUGUST 18, 1985
TO
AUGUST 24, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA
COOLING DEGREE-DAYS ACCUMULATED FROM JAN 1, 1985
PERCENT DEPARTURE FROM NORMAL (1951-1980)
BELOW NORMAL
ABOVE
BELOW NORMAL
ABOVE NORMAL
ABOVE NORMAL
ABOVE NORMAL
AUGUST 24, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA
COOLING DEGREE-DAYS ACCUMULATED FROM JAN 1,1985
PERCENT DEPARTURE FROM 1984
BELOW
ABOVE
BELOW
BELOW
BELOW
ABOVE
ABOVE
ABOVE
ABOVE
BELOW
AUGUST 24, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA


MEAN ANNUAL TOTAL HEATING DEGREE DAYS
(Base 65°F)
GULF OF MEXICO
BASED ON THE PERIOD, 1931-60.
HAWAII
ALASKA

National Agricultural Summary

August 19 to 25, 1985

HIGHLIGHTS: Showers across the Corn Belt and most of eastern half of the Nation benefited crop, but below normal temperatures slowed crop development in some areas. Overall crop conditions remained mostly good. Soil moisture was generally adequate except for the northeastern and western States. Farmers in the east coast and western States had 5 days or more suitable for fieldwork while most other areas averaged less than 5 days.

Winter wheat was 98% harvested, equaling last year's pace and 1 point ahead of the average. Spring wheat harvest crept to 56% completion, compared with 82% in 1984 and 70% normally. Wetness slowed harvest in most States. Corn continued improving across the Corn Belt and into the Great Plains. Crop conditions were rated mostly good with some areas reporting good to excellent. In 16 of the 17 major producing States, 82% of the corn acreage had reached the dough stage and 41% was in the dent stage or beyond. Soybeans were mostly good with 85% of the acreage setting pods. Leaves were turning yellow from Georgia to North Dakota. Cotton was mostly good. Bolls were opening on 23% of the acreage compared with 12% last year and 16% normally. In the 7 major producing States, sorghum was mostly good with 86% of the acreage headed and 36% coloring. Fall vegetable planting continued increasing while summer vegetable harvest continued declining. Florida citrus growers began conducting grapefruit maturity test. Pastures continued responding to moisture in the eastern half of the Nation. Livestock was mostly good.

SMALL GRAINS: Winter wheat harvest was 98% finished, equaling last year's pace and 1 point ahead of average. Harvest jumped 20 points from last week in Idaho to 70% complete. Rain slowed harvest in Montana, but harvest progressed 10 points with 90% of the wheat cut. Washington and Oregon harvests were 90 and 95% finished, respectively. Fall land preparation continued and producers began seeding winter wheat in Wyoming.

Spring wheat was 56% harvested, compared with 82% in 1984 and the 70% average. Wetness slowed harvest in most States, leaving harvest behind normal in all States except Idaho and Montana. Harvest was 6 points behind normal in South Dakota, 20 points behind in North Dakota, and 38 points behind normal in Minnesota.

CORN: Rain continued improving corn across the Corn Belt and into the Great Plains. Corn was mostly good in these areas, but in a few States corn was good to excellent. Crop conditions were excellent in Kansas and Colorado. In most other areas the crop was good to fair. In 16 of the 17 major producing States 82% of the corn acreage had reached the dough stage and 41% was in the dent stage or beyond. Corn dough and corn dent were both 7 points ahead of the average. Harvest continued progressing across the Southeast with 54% of the corn harvested in Alabama and 44% harvested in Georgia.

SOYBEANS: Soybeans were mostly good with crop conditions improving from good to fair in the Southeast. In the 19 major producing States soybeans setting pods reached 85%. This compares with 79% setting pods last year and 80% normally. Leaves were turning yellow from Georgia to North Dakota. In Georgia, 2% of the crop was dropping leaves.

COTTON: Cotton was good in all States except Louisiana where conditions were good to fair, and in California and Tennessee conditions were good to excellent. Bolls were opening on 23% of the acreage compared with 12% last year and 16% normally. Bolls opening was ahead of normal in all States except Missouri, New Mexico, North Carolina, and Oklahoma. In Texas the crop was progressing normally. Harvest in Texas was 11% finished.

SORGHUM: In the 7 major producing States sorghum was mostly good. The crop was 86% headed and 36% was coloring. The acreage headed was 2 points above the average while the acreage coloring dipped 2 points below normal. Texas harvest was over half finished. A few fields remained to be harvested in the Blacklands. Most fields in the High Plains were turning color rapidly.

OTHER CROPS: Peanuts were mostly good. Harvest continued in Alabama, Georgia, and Texas. Disease and insect problems continued in Virginia, but damage has been minimal.

Rice was 89% headed and mostly good. Harvest was 18% finished, 5 and 6 points behind last year and the average, respectively. Harvest was underway in all States except California. In Texas, harvest was 44 points behind normal and 45 points behind 1984. Harvest continued along the Upper Coast with better than average yields.

Tobacco harvest was active in all producing areas. Flue-cured tobacco harvest was complete in Florida, 88% finished in Georgia, less than half finished in North Carolina, and only 22% complete in Virginia. Burley harvest was 30% complete in both Kentucky and Tennessee, the 2 major producing States.

VEGETABLES: Florida's vegetable growers continued land preparation and laying plastic. Tomato transplanting was well advanced in the Palmetto-Ruskin area and was getting underway in other areas. Pepper transplanting was gaining momentum, and sweet corn was actively planted in the Everglades. In Texas, land preparation and fall vegetable planting continued in the Rio Grande Valley. Pepper and tomato transplanting was virtually complete in the San Antonio-Winter Garden area. Carrot, cucumber, cabbage, onion, and potato harvests continued in the High Plains with cantaloup harvest slowing in the Trans-Pecos region. California vegetable harvest consisted mainly of broccoli, cantaloups, cauliflower, celery, lettuce, and potatoes. Planting of fall melons was underway in the Palo Verde Valley.

FRUIT AND NUTS: Peaches and apples were harvested in northern producing areas. Florida citrus groves were flush with new growth and grapefruit producers began conducting maturity test. Lemons were picked in Arizona on a limited scale. California producers continued harvesting apples, peaches, grapes, plums, and figs. Early variety almonds were harvested and pistachios began spliting. Texas pecans developed slowly from the lack of moisture. Moderate to heavy nut droppage occurred in some areas as a result of the dryness.

PASTURES AND LIVESTOCK: Pastures continued improving across the eastern half of the Nation, but some areas in Texas and the Northeast remained dry. Dryness continued hampering pasture growth in the West. Livestock were mostly good. Herds continued moving from summer pastures where feed was short. Colorado livestock producers became concerned by an outbreak of Vesicular Stomatitis.

CROP PROGRESS

FOR WEEK ENDING AUG 25, 1985

CORN
% DOUGH

	1985	1984	AVG.
COLO	85	66	60
GA	100	100	100
ILL	92	81	88
IND	94	85	85
IOWA	85	68	68
KANS	90	85	75
KY	94	83	87
MICH	75	75	78
MINN	57	61	64
MO	97	86	87
NEBR	85	80	75
N C	100	93	94
OHIO	100	80	80
PA	62	52	64
S DAK	54	52	63
TEX	92	NA	NA
WIS	56	58	59
17 STATES	82	NA	NA
EXCL. STATES WITH NA	82	74	75

THESE 17 STATES PRODUCED 93% OF THE 1984 CORN CROP.

NA - NOT AVAILABLE

CORN
% DENT

	1985	1984	AVG.
COLO	31	25	20
GA	99	97	98
ILL	57	38	52
IND	45	25	30
IOWA	44	28	32
KANS	55	30	30
KY	64	42	52
MICH	13	15	15
MINN	11	17	19
MO	89	58	62
NEBR	25	20	25
N C	96	83	87
OHIO	60	20	30
PA	19	10	15
S DAK	14	19	25
TEX	75	NA	NA
WIS	16	19	19
17 STATES	41	NA	NA
EXCL. STATES WITH NA	41	29	34

THESE 17 STATES PRODUCED 93% OF THE 1984 CORN CROP.

NA - NOT AVAILABLE

SOYBEANS
% SETTING PODS

	1985	1984	AVG.
ALA	73	65	73
ARK	63	54	53
GA	81	80	78
ILL	95	93	92
IND	95	80	85
IOWA	99	94	94
KANS	75	75	65
KY	48	43	53
LA	82	85	77
MICH	80	90	92
MINN	95	96	97
MISS	71	59	65
MO	87	71	68
NEBR	97	90	90
N C	56	57	55
OHIO	100	80	85
S C	51	58	58
S DAK	85	74	91
TENN	70	55	60
19 STATES	85	79	80

THESE 19 STATES PRODUCED 94% OF THE 1984 SOYBEAN CROP.

SORGHUM
% HEADED

	1985	1984	AVG.
ARK	94	NA	NA
KANS	75	70	70
MO	91	89	83
NEBR	95	85	94
OKLA	90	95	85
S DAK	83	80	84
TEX	93	88	94
7 STATES	87	NA	NA
EXCL. STATES WITH NA	86	81	84

THESE 7 STATES PRODUCED 83% OF THE 1984 SORGHUM CROP.

NA - NOT AVAILABLE

SORGHUM
% COLORING

	1985	1984	AVG.
ARK	71	NA	NA
KANS	10	15	15
MO	50	49	46
NEBR	10	10	20
OKLA	40	40	50
S DAK	17	24	26
TEX	76	69	71
7 STATES	38	NA	NA
EXCL. STATES WITH NA	36	36	38

THESE 7 STATES PRODUCED 83% OF THE 1984 SORGHUM CROP.

NA - NOT AVAILABLE

COTTON
% BOLLS OPENING

	1985	1984	AVG.
ALA	15	9	12
ARIZ	45	50	30
ARK	24	5	11
CALIF	20	20	16
GA	23	15	28
LA	50	5	16
MISS	50	4	23
MO	6	8	12
N MEX	8	25	16
N C	6	5	14
OKLA	0	1	2
S C	47	2	30
TENN	12	4	8
TEX	16	12	16
14 STATES	23	12	16

THESE 14 STATES PRODUCED 100% OF THE 1984 COTTON CROP.

WINTER WHEAT
% HARVESTED

	1985	1984	AVG.
ARK	100	100	100
CALIF	99	100	100
COLO	99	96	97
GA	100	100	100
IDAHO	70	58	58
ILL	100	100	100
IND	100	100	100
KANS	100	100	100
MICH	100	100	100
MO	100	100	100
MONT	90	95	80
NEBR	100	100	100
OHIO	100	100	100
OKLA	100	100	100
OREG	95	88	92
S DAK	100	100	100
TEX	100	100	100
WASH	90	86	88
18 STATES	98	98	97

THESE 18 STATES PRODUCED 88% OF THE 1984 WINTER WHEAT CROP.

RICE
% HEADED

	1985	1984	AVG.
ARK	91	66	74
CALIF	70	90	69
LA	95	94	92
MISS	98	85	85
TEX	92	100	100
5 STATES	89	82	81

THESE 5 STATES PRODUCED 97% OF THE 1984 RICE CROP.

RICE
% HARVESTED

	1985	1984	AVG.
ARK	3	0	3
CALIF	0	0	0
LA	51	51	51
MISS	3	0	2
TEX	41	86	85
5 STATES	18	23	24

THESE 5 STATES PRODUCED 97% OF THE 1984 RICE CROP.

SPRING WHEAT
% HARVESTED

	1985	1984	AVG.
IDAHO	45	38	41
MINN	42	89	80
MONT	70	80	55
N D	46	79	66
S DAK	88	94	94
5 STATES	56	82	70

THESE 5 STATES PRODUCED 92% OF THE 1984 SPRING WHEAT CROP.

State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by SRS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Rainfall averaged 1.00 to 2.00 in. statewide; near 4.00 in. central. Temperatures averaged 2 to 4° below normal over north, slightly above normal elsewhere.

Fieldwork 5.5 days. Soil moisture 24% short, 74% short, 72% adequate, 4% surplus. Corn mature 97%, 79% 1984, 81% avg.; harvested 54%, 22% 1984, 35% avg.; 8% poor, 38% fair, 46% good, 8% excellent. Cotton bolls open 15%, 9% 1984, 12% avg.; 15% fair, 68% good, 17% excellent. Soybeans blooming 92%, 85% 1984, 93% avg.; setting pods 73%, 65% 1984, 73% avg.; turning yellow 9%, 3% 1984; 19% fair, 71% good, 10% excellent. Sorghum harvested 19%, 7% 1984, 32% fair, 62% good, 6% excellent. Peanuts harvested 7%; 14% fair, 86% good. Pastures 24% fair, 72% good, 4% excellent. Livestock 20% fair, 76% good, 4% excellent. Primary activities: Controlling insects on row crops, vegetables; harvesting corn, hay, peanuts, vegetables; spraying fruit trees; applying fungicides to peanuts; preparing land for winter grazing crops; maintaining harvest equipment.

ALASKA: Temperatures cool; wet until weekend. Railbelt temperatures ranged for 1 to 7° below normal. Precipitation ranged from below normal most areas to nearly 3.00 in. above normal Kodiak Island.

Days suitable for fieldwork 3.0. Topsoil moisture 81% adequate, 19% surplus. Subsoil moisture 88% adequate, 12% surplus. Second crop hay harvest ranged up to 20% complete; harvest delayed wet conditions. Barley grain 80% turning color, small percent ripe, swathing began August 20th Delta area. Some light to moderate lodging small grains. Vegetable harvest continued. Potatoes average.

ARIZONA: Scattered showers, thunderstorms over eastern two-thirds first half of week. Precipitation amounts generally under 0.50 in., locally over 1.00 in. in White mountians. Upper level high pressure system brought sunny skies, heatwave remainder of week. Record breaking temperatures on 24th. Readings reached lower 90's in high country, 100° at 5,000 ft., 110 to 121° in lower southwestern deserts, along Colorado River. Average temperatures mostly 1 to 5° above seasonal normals.

Cotton 78% good, 22% excellent; open bolls 45%, 50% 1984, 30% avg. Insect infestation light to moderate, usual control measures used. Alfalfa stands good; harvest moderate to heavy. Hay supplies exceeded demand, much of current harvest stacked for later sale; prices off about $10 per ton. Rain damage, weed problems less than usual. Lemon picking limited scale. Some cauliflower, melons planted in Yuma area. Watermelon harvest winding down Willcox area, practically complete central valley. Apple packing light Willcox area. Green onion harvest started in Salt River Valley, volume light.

ARKANSAS: Temperatures 2° below normal to 3° above normal. Light to moderate rain. Temperature extremes 52°; 102°. Precipitation 0.12 to 1.74 in.

Days suitable for fieldwork 6.0. Soil moisture 43% short, 55% adequate, 2% surplus. Cotton bolls 24% opening, 5% 1984, 11% avg. Cotton 4% fair, 76% good, 20% excellent. Winter wheat 100% harvested, 100% 1984, 100% avg. Rice 91% headed, 66% 1984, 74% avg. Rice 3% harvested, none 1984, 3% avg. Rice 13% fair, 76% good, 10% excellent. Sorghum 94% headed; 71% coloring. Sorghum 36% fair, 56% good, 8% excellent. Soybeans 63% setting pods, 54% 1984, 53% avg. Soybeans 2% poor, 22% fair, 76% good.

CALIFORNIA: Temperatures below normal except few stations along coast, southern end of State. Greatest below normal departures registered Central Valley. Light amounts of rain northern end of State. Temperature extremes 31° at Alturas to 116° Thermal.

Farmers continued to prepare small grain fields for next season's crop. Rice 70% headed, 90% 1984, 69% avg. Rice none harvested, none 1984, none avg. Cotton 20% bolls opening, 20% 1984, 16% avg. Wheat 99% harvested, 100% 1984, 100% avg. Sugarbeets, safflower continued to be harvested. Corn cut for silage. Alfalfa continued to be cut for hay. Rice 16% fair, 67% good, 17% excellent. Cotton 100% good. No reports of fruit damage from light rain. Apple harvest continued, more varieties reached legal minimum maturity requirements. Growers continued control for date-beetles. Figs harvested fresh market. Thompson seedless variety grapes placed on drying trays for raisins. Table grape varieties continued to be packed. Wine grape harvest gained momentum. Kiwifruit sizing problem due to earlier hot weather. Nectarine harvest nearing completion. Cling, Freestone peach harvests continued late varieties. Plum harvest over 80% complete. Pomegranates harvest continued. Insect damage causing some gradeout. Yields lower than expected for prunes. Almond harvest underway early varieties. Pistachios beginning to split. Walnut growers spraying codling moth, husk fly. Broccoli moderate to light supply central coast. Cantaloup harvest active San Joaquin Valley, west Riverside. Planting fall melons Palo Verde Valley. Cauliflower light supply central coast. Celery fairly light supply. Lettuce fairly heavy supply Salinas-Watsonville, moderate Santa Maria. Summer potato harvest active Riverside County. Fall potatoes good growth, sprout inhibitor applied most fields. Market tomato harvest active northern San Joaquin Valley, central coast. Processing tomato harvest full swing. Feed, water supplies continued depleted most grazing areas. Supplemental feeding increased. Ranges, pastures tinder dry, fires continued plague most districts.

COLORADO: Normal summertime weather prevailed. Temperatures close to normal.

Days suitable for fieldwork 6.0. Soil moisture 42% short, 58% adequate. Winter wheat 99% harvested, 96% 1984, 97% avg. Corn 19% good, 81% excellent; 85% dough, 66% 1984, 60% avg.; 31% dented, 25% 1984, 20% avg. Barley 72% harvested, 61% 1984, 65% avg. Dry beans 8% cut, 8% 1984, 7% avg. Alfalfa hay 76% cut second time, 73% 1984, 76% avg. Range feed, livestock condition good. Localized outbreak of Vesicular Stomatitis watched closely by livestock producers.

FLORIDA: Typical summer weather, scattered afternoon and evening thunderstorms. Daily rainfall averaged 0.50 in. or less except for localized 1.00 to 2.00 in. amounts in heavy downpours. Around 2.00 in. of rain Panhandle on 25th. Temperatures averaged near normal north, 2 to 3° above normal south.

Soil moisture adequate, except low areas surplus. Corn harvest continued; yields low due to earlier drought. Soybeans good condition, early plantings pod stage. Peanuts good, nearing maturity. Tobacco harvest virtually complete. Hay crops good growth, harvest hampered by frequent rains. Sugarcane good. Pasture good to excellent in south, north; fair to good Panhandle, most central localities. Cattle, calves continued good to excellent statewide. Groves good, soil moisture sufficient in all areas. Trees flush with new growth, some packing houses beginning to conduct maturity test in grapefruit groves for fresh movement. Typical summer weather continued vegetable areas. Land preparation, laying plastic very active most areas. Tomato transplanting well advanced Palmetto-Ruskin area, getting underway other areas. Pepper transplanting gaining. Sweet corn planting active Everglades. Cucumber planting underway. Planting other crops expected next week.

GEORGIA: Rainfall near 1.00 in. most locations. Amounts greatest north; totals 2.00 to 3.00 in. range with nearly 5.00 in. at Rome. Temperature extremes 55° at Clayton on 22nd; 100° at Albany on 20th.. Temperature averaged near normal.

Days suitable for fieldwork 5.7. Soil moisture 9% very short, 40% short, 48% adequate, 3% surplus. Main activities: Harvesting hay, silage, corn, tobacco, apples, peanuts; pest and disease control. Corn 99% dent, 97% 1984, 98% avg.; 96% mature, 92% 1984, 95% avg.; 49% harvested, 44% 1984, 54% avg.; 1% very poor, 7% poor, 31% fair, 54% good, 7% excellent. Cotton 23% bolls open, 15% 1984, 28% avg.; 28% fair, 69% good, 3% excellent. Grain sorghum 2% poor, 22% fair, 69% good, 7% excellent. Peanuts 6% dug, 2% 1984, 2% avg.; 2% threshed, none 1984, 2% avg.; 21% fair, 72% good, 7% excellent. Soybeans 97% blooming, 93% 1984, 95% avg.; 81% setting pods, 80% 1984, 78% avg.; 2% dropping leaves, 3% 1984, 6% avg.; 2% poor, 32% fair, 63% good, 3% excellent. Tobacco 88% harvested, 90% 1984, 91% avg.; 4% poor, 42% fair, 54% good. Watermelons 99% harvested, 98% 1984, 97% avg.; 10% poor, 23% fair, 57% good, 10% excellent. Apples 33% harvested, 52% 1984, 57% avg.; 3% poor, 28% fair, 63% good, 6% excellent. Pecans 3% poor, 44% fair, 50% good, 3% excellent. Pastures 1% poor, 22% fair, 72% good, 5% excellent. Hay 1% poor, 24% fair, 70% good, 5% excellent. Cattle 17% fair, 80% good, 3% excellent. Hogs 17% fair, 80% good, 3% excellent.

HAWAII: Weather conditions variable over State enabling crops to make fair to good progress. Winds mainly trades blowing in 10 to 20 mph range. Windward, mountain areas experienced some scattered showers a temperatures continued near 90°. Weather conditions favorable toward fruit development of orchard crops such as banana and papaya. Papaya production at a low level. Steady, light harvesting of Head lettuce is expected to continue from Maui where tipburn continued to affect the crop. Head cabbage output is expected to be moderate.

IDAHO: Variable clouds with isolated showers dropped little rain throughout southern half of State. New Meadows received most at 0.42 in. Only other stations Boise, Aberdeen at 0.03 in. All northern stations received measurable amounts of rain from thundershower activity. Amounts ranged from high of 0.52 in. at Orofino to 0.04 in. at Spokane. Temperatures slightly below normal averaging minus 2 to 3° departure for week.

Days suitable for fieldwork 6.0. Winter wheat 70% harvested, 58% 1984, 58% avg. Spring wheat 45% harvested, 38% 1984, 41% avg. Barley 52% harvested, 30% 1984, 39% avg. Potatoes 54% not yet turning color; 42% turning, 4% vines dying/killed. Alfalfa second cutting 84% cut, 74% 1984, 75% avg. Dry peas 88% harvested, 80% 1984, 72% avg. Lentils 90% harvested, 48% 1984, 43% avg. Mint 58% cut, 75% 1984, 75% avg. Sweet corn for processing 41% picked, 57% 1984, 40% avg. Onions 20% dug, 6% avg. Grass seed 100% combined, 76% 1984. Peaches 33% picked. Dry beans 15% harvested. Oats 60% harvested. Winter wheat 28% poor, 52% fair 20% good. Spring wheat 17% poor, 50% fair, 33% good. Barley 10% poor, 50% fair, 40% good. Potatoes 20% fair, 80% good. Oats 10% poor, 28% fair, 62% good. Sugarbeets 100% good. Onions 86% good, 14% excellent. Field corn 13% fair, 62% good, 25% excellent. Dry beans 44% fair, 56% good. Fruit 43% fair, 57% good. Grasshopper infestation south, east 16% none, 53% light, 26% moderate, 5% severe. Livestock good. Range pastures dry in south east; northern conditions improving.

ILLINOIS: Temperatures 5 to 10° below normal. Low temperatures 45°; high 91°. Precipitation none to 5.00 in. Precipitation heaviest southern half.

Days suitable for fieldwork 4.5. Soil moisture 14% short, 65% adequate, 21% surplus. Corn dough stage 92%, 81% 1984, 88% avg.; dented 57%, 38% 1984, 52% avg.; mature 4%, 2% 1984, 7% avg. Corn 2% poor, 8% fair, 54% good, 36% excellent. Soybeans setting pods 95%, 93% 1984, 92% avg.; turning yellow 5%, 4% 1984, 7% avg. Soybeans 8% fair, 59% good, 33% excellent. Alfalfa third crop cut 66%, 65% 1984, 61% avg.; 2% poor, 19% fair, 57% good, 22% excellent. Sorghum 1% poor, 4% fair, 75% good, 20% excellent. Pasture 6% poor, 16% fair, 60% good, 18% excellent.

INDIANA: Daytime temperatures 5 to 9° below normal. Average mid 70's north to upper 70's south. Rainfall widespread, variable. Range from 0.15 to 1.78 in.

Fieldwork averaged 4.8 days. Topsoil moisture 5% short, 90% adequate, 5% surplus. Subsoil moisture 15% short, 83% adequate, 2% surplus. Wheat 100% harvested, 100% 1984, 100% avg. Corn 3% poor, 18% fair, 68% good, 11% excellent. Soybeans 1% poor, 5% fair, 81% good, 13% excellent. Corn 94% in dough, 85% 1984, 85% avg. Corn 45% dented, 25% 1984, 30% avg. Corn 4% mature, none 1984, 4% avg. Soybeans 95% setting pods, 80% 1984, 85% avg. Soybeans 2% turning color, none 1984, 2% avg. Wheat land 14% plowed, 19% 1984, 20% avg. Tobacco 15% harvested, 2% 1984, 1% avg. Silos 5% filled, 6% 1984, 5% avg.

IOWA: Temperatures 4° subnormal. Low 38° 20th. Moderate to heavy rainfall over half State. Subnormal rainfall eastern, west central, southwestern districts.

Days suitable for fieldwork 4.7. Topsoil moisture 29% short, 66% adequate, 5% surplus. Subsoil moisture 55% short, 44% adequate, 1% surplus. Corn dough stage 85%, 68% 1984, 68% avg. Corn dented 44%, 28% 1984, 32% avg. Corn 2% poor, 19% fair, 57% good, 22% excellent. Soybeans setting pods 99%, 94% 1984, 94% avg. Soybeans 3% poor, 18% fair, 60% good, 19% excellent. Third crop alfalfa hay harvested 55%, 37% 1984, 46% avg. Hay 10% poor, 32% fair, 49% good, 9% excellent. Pastures 3% very poor, 24% poor, 34% fair, 33% good, 6% excellent. Livestock good.

KANSAS: Precipitation averaged 0.20 in. northwest; 3.00 to 3.40 in. southeast, east central and central districts; 0.60 to 1.80 in. elsewhere. Temperatures averaged 69° east central, 70 to 73° elsewhere; ranging 1° below normal northwest, 3 to 7° below normal elsewhere.

Days suitable for fieldwork 2.5. Topsoil moisture 3% short, 67% adequate, 30% surplus.

Wheat 100% harvested, 100% 1984, 100% avg. Corn 90% dough, 85% 1984, 75% avg.; 55% dent, 30% 1984, 30% avg. Corn 9% good, 91% excellent. Sorghum 75% headed, 70% 1984, 70% avg. Sorghum 10% coloring, 15% 1984, 15% avg. Sorghum 4% fair, 14% good, 82% excellent. Soybeans 75% podding, 75% 1984, 65% avg. Soybeans 19% good, 81% excellent. Excellent moisture brightens crop prospects, cool weather slowing maturity. Range, pastures exceptional for time of year, grazing abundant. Haying in progress as weather permits.

KENTUCKY: Unseasonably cool, damp week. Rain midweek, over weekend. Totals averaged 1.00 to 2.00 in. Isolated amounts in excess of 3.00 in. portions of west, northeast. Temperatures averaged below seasonal normal. High temperatures reached 90° in much of State, while lows dipped into 50's for week. Temperatures averaged 2 to 5° below normal.

Days suitable for fieldwork 4.2. Soil moisture 8% short, 88% adequate, 4% surplus. Corn 94% dough or beyond, 83% 1984, 87% avg.; 64% dented or beyond, 42% 1984, 52% avg.; 19% mature or harvested. Corn 11% fair, 68% good, 21% excellent. Soybeans 86% blooming, 80% 1984, 86% avg.; 48% setting pods, 43% 1984, 53% avg. Soybeans 15% fair, 67% good, 18% excellent. Burley tobacco 30% cut, 11% 1984, 19% avg.; mostly good. Dark types 28% cut, 18% avg. Grain sorghum 83% good or better. Hay pastures growing well, mostly good.

LOUISIANA: Temperatures averaged normal to 5° above normal. Temperature extremes 66°; 100°. Rain totals averaged 0.07 to 2.38 in.

Days suitable for fieldwork 3.8. Soil moisture 21% short, 52% adequate, 27% surplus. Cotton 15% poor, 35% fair, 50% good; 50% open bolls, 5% 1984, 16% avg. Rice 9% poor, 23% fair, 58% good, 10% excellent; 95% headed, 94% 1984, 92% avg. Rice 69% ripe, 61% 1984, 64% avg.; 51% harvested, 51% 1984, 51% avg. Hurricane Danny caused lodging in many localities. Soybeans 5% very poor, 3% poor, 22% fair, 65% good, 5% excellent; 96% blooming, 97% 1984, 93% avg. Soybeans 82% setting pods, 85% 1984, 77% avg.; 4% leaves turning color, 5% 1984, 6% avg. Sorghum 44% fair, 50% good, 6% excellent; 94% turning color, 91% 1984, 85% avg. Sorghum 74% ripe, 57% 1984, 59% avg.; 44% harvested, 34% 1984, 31% avg. Corn fair to good; 99% mature, 93% 1984, 92% avg. Corn 67% harvested, 51% 1984, 52% avg. Sweetpotatoes good; 36% harvested, 19% 1984, 23% avg. Hay final cutting 46% complete, 34% 1984, 22% avg. Sugarcane fair to good; 3% planted, 2% 1984, 4% avg. Pastures, livestock fair to good. Vegetables fair.

MARYLAND & DELAWARE: Maryland: Cool, wet. Temperatures 1 to 3° below normal. Highs mostly mid to upper 80's, lows mostly mid to upper 50's. Precipitation average 1.74 in., range 0.12 in. extreme west to 6.60 in. lower Eastern Shore.

Fieldwork 4.5 days suitable. Soil moisture mostly adequate from recent rains. Corn good. Corn 85% dough, 85% 1984, 80% avg.; 60% dented, 25% 1984, 45% avg.; 12% mature, none 1984, none avg. Corn silage 25% harvested, 15% 1984, 20% avg. Corn for grain harvest beginning in southern areas. Soybeans fair to good. Soybeans 90% bloomed, 85% 1984, 90% avg.; 65% podded, 55% 1984, 65% avg. Soybeans just under 5% turned, slightly ahead of 1984, avg. Tobacco 100% bloomed; 75% topped. Tobacco 40% harvested, 30% 1984, 45% avg. Apple harvest just beginning. Peaches 90% harvested, 65% 1984. Vegetable harvest entering it's final two weeks. Alfalfa hay 95% cut three times, 95% 1984, 90% avg. Alfalfa hay 15% cut four times, 5% 1984, 20% avg. Other hay 100% cut three times, 60% 1984, 60% avg.

Delaware: Cool, precipitation light to heavy. Temperatures 1 to 2° below normal. High mid 80's to near 90, lows mid 50's. Precipitation average 2.63 in., ranging from 0.57 in. north to 6.72 in. south.

Fieldwork 5.7 days suitable. Soil moisture mostly adequate, except in scattered dry areas. Corn mostly good except scattered areas extremely dry before recent rains. Corn 100% dough, 80% 1984, 80% avg.; 80% dented, 60% 1984, 60% avg.; 20% mature, none 1984, none avg. Corn silage 20% cut, 15% 1984, 5% avg. Corn for grain nearly 5% harvested, 2 weeks ahead of 1984. Soybeans 100% bloomed, 85% 1984, 85% avg.; 70% podded, 70% 1984, 60% avg. Soybeans 20% turned, over 2 weeks ahead of 1984. Alfalfa hay 3rd cutting complete. Fourth cutting alfalfa hay 45% complete, 10% 1984, 15% avg.

MICHIGAN: Very cool, wet week. Temperatures averaged 5° below normal. Precipitation moderate to heavy.

Days suitable for fieldwork 5.3. Rains hampered fieldwork. Soil moisture 28% short, 70% adequate, 2% surplus. Corn 75% dough, 75% 1984, 78% avg.; 13% denting, 15% 1984, 15% avg. Corn 5% poor, 20% fair, 55% good, 20% excellent. Soybeans 80% setting pods, 90% 1984, 92% avg. Soybeans 5% poor, 20% fair, 50% good, 25% excellent. Winter wheat 100% harvested, 100% 1984, 100% avg. Winter wheat 5% poor, 20% fair, 45% good, 30% excellent. Oats 85% harvested, 90% 1984, 88% avg. Dry beans 80% setting pods, 90% 1984, 94% avg. Dry beans 10% poor, 25% fair, 45% good, 20% excellent. Cool temperatures slowed fruit, vegetable development. Quality size excellent most areas. Apple, peach, plum harvest progressing normally. Vegetable harvest slowed by rain.

MINNESOTA: Low pressure system moved slowly across State; brought showers, thunderstorms. Temperatures averaged 4 to 8° below normal. Temperature extremes 38°; 82°. Precipitation averaged 0.33 in. below normal to 0.80 in., above normal. Greatest weekly total 3.79 in.

Days suitable for fieldwork 4.0. Topsoil moisture 8% short, 74% adequate, 18% surplus. Corn 94% milk, 96% 1984, 97% avg.; 57% dough, 61% 1984, 64% avg.; 11% denting, 17% 1984, 19% avg. Corn 2% very poor, 10% poor, 34% fair, 43% good, 11% excellent. Soybeans 95% setting pods, 96% 1984, 97% avg.; 2% turning yellow, 3% 1984, 6% avg. Soybeans 1% very poor, 6% poor, 34% fair, 48% good, 11% excellent. Spring wheat 42% harvested, 89% 1984, 80% avg.; 1% poor, 26% fair, 50% good, 23% excellent. Oats 83% harvested, 96% 1984, 93% avg. Barley 67% harvested, 96% 1984, 92% avg. Sunflowers 86% blooming, 95% 1984, 96% avg.; 10% dropping petals, 35% 1984, 39% avg.

MISSISSIPPI: Heavy thunderstorms crossed State over weekend. Temperatures near normal. Extremes 68°; 96°. Greatest 24-hour rainfall 1.83 in. Biloxi.

Fieldwork 5.0 days suitable, 4.7 1984, 5.8 avg. Soil moisture 11% surplus, 89% adequate. Cotton 50% open bolls, 4% 1984, 23% avg.; 4% poor, 24% fair, 60% good, 12% excellent. Soybeans 100% blooming, 92% 1984, 91% avg.; 71% setting pods, 59% 1984, 65% avg.; 14% fair, 75% good, 11% excellent. Rice 98% heading, 85% 1984, 85% avg.; 3% harvested, 2% avg.; 11% fair, 78% good, 11% excellent. Grain sorghum 69% ripe, 39% 1984; 13% harvested, 3% 1984; 32% fair, 65% good, 3% excellent. Corn 84% mature, 51% 1984, 62% avg.; 19% harvested, 12% 1984; 13% poor, 20% fair, 64% good, 3% excellent. Sweetpotatoes 10% harvested, 11% 1984, 10% avg. Peanuts 30% harvested, 23% 1984. Corn silage 62% harvested, 50% 1984. Sorghum silage, 45% harvested, 42% 1984. Watermelons 82% harvested, 80% 1984. Hay 76% harvested, 70% 1984, 79% avg. Pasture 14% fair, 76% good, 10% excellent.

MISSOURI: Temperatures averaged 6° below normal. Precipitation averaged over 2.00 in. across State. Southwest, central received over 4.00 in. Extreme southeast just over 0.50 in.

Days suitable for fieldwork 2.2. Topsoil moisture 5% short, 50% adequate, 45% surplus. Corn 1% poor, 15% fair, 59% good, 25% excellent. Corn dough 97%, 86% 1984, 87% avg.; dent 69%, 56% 1984, 62% avg.; mature 16%, 7% 1984, 14% avg. Soybeans 2% poor, 11% fair, 69% good, 18% excellent. Soybeans setting pods 87%, 71% 1984, 63% avg. Grain sorghum 3% poor, 13% fair, 69% good, 15% excellent. Grain sorghum heading 91%, 69% 1984, 63% avg.; coloring 50%, 49% 1984, 46% avg.; mature 16%, 15% 1984, 16% avg. Cotton 13% poor, 25% fair, 62% good. Cotton bolls open 6%, 9% 1984, 12% avg. Third crop alfalfa 77% cut. Pasture 10% poor, 22% fair, 52% good, 16% excellent.

MONTANA: Moderate rains over west, north central, parts of northeast; 0.33 to 1.00 in. common. Rest of State light amounts or no precipiation. Temperatures again cool, averaged about 3° below normal statewide.

Days suitable for fieldwork 3.8. Topsoil moisture 23% short, 77% adequate. Subsoil moisture 80% short, 20% adequate. Crop progress: Winter wheat ripe but not harvested 10%, 5% 1984, 20% avg.; harvested for grain 90%, 95% 1984, 80% avg. Spring wheat turning color 5%, 5% 1984, 15% avg.; ripe but not harvested 25%, 15% 1984, 30% avg.; harvested for grain 70%, 80% 1984, 55% avg. Barley turning color 5%, 5% 1984, 25% avg.; ripe but not harvested 30%, 20% 1984, 30% avg.; harvested for grain 65%, 75% 1984, 55% avg. Oats turning color 5%, 5% 1984, 15% avg.; ripe but not harvested 30%, 20% 1984, 25% avg.; harvested for grain 65%, 75%, 60% avg. Sugarbeets 85% good, 15% excellent. Corn 4% poor, 22% fair, 70% good, 4% excellent. Dry beans 20% fair, 80% good. Second cutting alfalfa hay 80%, 75% 1984, 65% avg. Livestock moved from summer ranges; cattle and calves 30%, sheep and lambs 30%. Stockwater supplies 52% short, 48% adequate.

NEBRASKA: Most of State remained cool with scattered light rainfall. Precipitation ranged from traces to 1.50 in. in a few locations. Average temperatures ranged from normal Panhandle to 2 to 7° below normal elsewhere.

Days suitable for fieldwork 4.9. Topsoil moisture 25% short, 65% adequate, 10% surplus. Subsoil moisture 22% short, 76% adequate, 2% surplus. All corn 1% fair, 68% good, 31% excellent. Irrigated corn 1% fair, 68% good, 31% excellent. Dryland corn 68% fair, 32% excellent. Corn dough 85%, 80% 1984, 75% avg.; dent 25%, 20% 1984, 25% avg. Soybeans 8% fair, 67% good, 25% excellent. Soybeans setting pods 97%, 90% 1984, 90% avg. Sorghum 9% fair, 76% good, 15% excellent. Sorghum headed 95%, 85% 1984, 94% avg.; turning 10%, 10% 1984, 20% avg.

NEVADA: Skies mostly sunny throughout week. Also another very dry week as isolated thunderstorms produced only trace amounts. Temperatures started below normal, warming to near normal midweek, and rising to record breaking level by end of period. Lighting set off more range fires and widespread winds made containment more difficult.

Gusty winds hamperd harvesting operations. Melon harvest gaining mementum.

NEW ENGLAND: Average precipitation ranged from 0.25 to 2.00 in. across region except Rhoda Island, Cape Cod areas precipitation over 2.00 in. Temperatures normal averaging in low mid 60s north, west to upper 60s south, east.

Days suitable for fieldwork 6.1. Soil moisture 60% short, 40% adequate north; 70% adequate, 30% short south. Fieldwork progress on schedule. Second crop hay 80% cut, 80% 1984, 80% avg.; quality good to excellent. Field corn 50% good, 50% excellent. Sweet corn 50% harvested in southern States; quality good to excellent all areas. Wild blueberry harvest in Maine active. Harvest of early variety potatoes began in Maine.

NEW JERSEY: Temperatures averaged 1° below normal. Extremes 39°; 93°. Rainfall averaged 1.77 in. north, 1.85 in. central, 1.12 in. south. Heaviest 24-hour total 0.85 in. on 25th, 26th. Estimated soil moisture, in percent of field capacity, averaged 63% north, 67% central, 67% south. Four inch soil temperatures averaged 68° north, 70° central, 72° south.

Days suitable 5.1. Showers interrupted fieldwork but improved soil moisture levels considerably. Summer vegetable harvest active but declining. Irish potato digging increased. Harvest of late season peaches active. Picking of fall variety apples beginning. Cranberry prospects continued good. Field corn, soybeans, sweetpotatoes, hay and pastures greatly benefitted from rain.

NEW MEXICO: Average temperatures near or few degress of seasonal norms statewide. Temperatures 38° northern mountains to 102° southeastern Plains. Rain 0.10 to 0.50 in. most areas. Few areas northeastern Plains over 1.00 in. Precipitation none to 1.84 in. northeastern Plains.

Days suitable for fieldwork 6.3. Soil moisture 13% short, 87% adequate. Hail damage 75% none, 25% light. Alfalfa 29% fair, 71% good. Cotton 10% fair, 60% good, 30% excellent. Cotton open bolls 8%, 25% 1984, 16% avg. Corn 100% good. Irrigated wheat 100% good. Irrigated grain sorghum 25% fair, 50% good, 25% excellent. Dry grain sorghum 50% fair, 50% good. Pecans 20% fair, 80% good. Apples 25% fair, 75% good. Chile 14% fair, 86% good. Lettuce 33% fair, 67% good. Onions 75% good, 25% excellent. Cattle 23% fair, 77% good. Sheep 10% fair, 90% good. Ranges 46% fair, 54% good.

NEW YORK: Very dry weather continued. Almost no measurable rain 18th to 23rd. Slow moving weather system brought a fair amount of rain to western, central areas on 24th. Fairly heavy rain as week ended. Temperatures near or a little below normal.

Days suitable for fieldwork 7.0. Soil moisture short. Crop stressed from lack of rain. Corn needs rain to fill out ears. Oat harvest 81% complete, 55% 1984, 73% avg. Hay yields down from lack of moisture. Second cutting alfalfa hay harvest 84% complete, 78% 1984, 84% avg. Third cutting alfalfa 17% complete, 16% 1984, 22% avg. Early McIntosh, Cortland apples harvested. Bartlett pears harvested, below average yields. Harvesting of snap beans, onions, sweet corn continued. Pastures poor to fair.

NORTH CAROLINA: Temperatures averaged 3° below normal mountains, Piedmont; coastal section near normal. Rainfall ranged from 0.01 to 6.72 in. across State.

Days suitable for fieldwork 4.3. Soil moisture 55% short, 61% adequate, 34% surplus. Tobacco 17% fair, 75% good, 8% excellent; flue-cured harvested 41%, 65% 1984, 67% avg. Burley harvested 10%, 2% avg. Corn 8% poor, 30% fair, 58% good, 4% excellent. Corn dent 96%, 83% 1984, 87% avg.; mature 76%, 55% 1984, 60% avg. Cotton 5% fair, 95% good; open bolls 6%, 5% 1984, 14% avg. Peanuts 27% fair, 67% good, 6% excellent. Soybeans 16% fair, 76% good, 8% excellent; flowered 85%, 85% 1984, 83% avg.; pods set 56%, 57% 1984, 55% avg. Grain sorghum 2% poor, 13% fair, 82% good, 3% excellent; harvested, 5%. Hay 32% fair, 59% good, 9% excellent. Sweetpotatoes

7% fair, 82% good, 11% excellent. Apples 37% poor, 44% fair, 19% good. Pasture 32% fair, 62% good, 6% excellent. Major farm activities: Topping, suckering, harvesting and marketing tobacco; cutting silage; spraying soybeans, peanuts, cotton; harvesting vegetables; scouting for weed and insect control; harvesting hay; spraying apples; some apple harvest; shearing Christmas trees; preparing ground; some corn harvest; mowing and general farm maintenance.

NORTH DAKOTA: Cool week, moderate to heavy precipitation. Strong thunderstorms packing winds in excess of 70 mph and hail crossed central portion on 21st, 22nd. Precipitation totals ranged from 1.63 in. south central, 1.05 in. central, 0.16 in. north central. Almost one half received 0.50 in. or more. Average temperatures ranged from 3° below normal northwest to 8° below normal north central. Extremes 94° southwest to 35° southeast.

Showers, statewide kept topsoil and subsoil moisture supplies above average of last 5 years. Topsoil supplies statewide 13% short to very short, 78% adequate, 9% surplus. Subsoil moisture 31% short or very short, 69% adequate. Harvest progress of all small grains continued to lag normal. Barley 75% combined, 96% 1984, 82% avg.; spring wheat 46% combined, 79% 1984, 66% avg.; durum 27% combined, 70% 1984, 51% avg. Moisture beneficial to late season crops, but development slowed by cool weather. Sunflower 19% flowers dried and beyond, 36% 1984, 32% avg. Corn for grain 11% denting to dented, 38% 1984, 38% avg. Soybeans 11% lower leaves yellowing, 33% 1984, 28% avg. Late season crops continued in mostly good condition. Sunflower 4% poor, 26% fair, 70% good. Corn for grain 1% poor, 19% fair, 80% good.

OHIO: Highs averaged 70's across State, 3 to 6° below normal. Lows averaged 50's most areas, up to 2° below normal. Precipitation widespread, from 0.50 to 2.05 northwest.

Days suitable 6.0. Soil moisture 25% short, 75% adequate. Corn 5% fair, 67% good, 28% excellent; dough 100%, 80% 1984, 80% avg.; dent 60%, 20% 1984, 30% avg.; mature 10%, none 1984, 2% avg. Corn silage cut 10%, 5% 1984, 10% avg. Soybeans 5% fair, 78% good, 17% excellent; setting pods 99%, 80% 1984, 85% avg.; turning 10%, 5% 1984, none avg. All hay good. Winter wheat harvested 100%, 100% 1984, 100% avg. Alfalfa 3rd cut 60%, 50% 1984, 45% avg.; other hay 2nd cut 90%, 80% 1984, 85% avg.; other 3rd cut 30%, 35% 1984, 40% avg. Tobacco topped 85%. Pasture fair to good. Livestock enjoyed cooler weather.

OKLAHOMA: Temperatures averaged 2° below normal north central to 4° above normal southeast. Precipitation averaged 0.10 in. west central to 1.33 in. north central.

Days suitable for fieldwork 5.7. Topsoil moisture 40% short, 55% adequate, 5% surplus. Subsoil moisture 20% short, 80% adequate. Southeastern areas need rain. Wheat 100% harvested, 100% 1984, 100% avg.; good moisture enhanced seedbed preparation and planting prospects. Sorghum 1% fair, 97% good, 2% excellent. Sorghum 90% heading, 95% 1984, 85% avg.; 40% turning color, 40% 1984, 50% avg. Birds damaged fields northeast. Dryland sorghum becoming stressed Panhandle. Cotton 1% fair, 99% good. Cotton none open bolls, 1% 1984, 2% avg. Bollworms observed west central localities. Cattle gaining weight despite deteriorating grazing conditions.

OREGON: Near normal temperatures west of Cascades and in south central areas. Temperatures 4 to 7° below normal north central, northeast. Less than 0.10 in. of rain along central coast. Traces reported at most other stations, exceptions Enterprise 0.60 in., Klamath Falls 0.40 in.

Soil moisture 72% short, 28% adequate. Winter wheat 95% harvested, 88% 1984, 92% avg.; unharvested crop 30% fair, 70% good. Barley 87% harvested. Other grain crops nearly all harvested. Mint harvest nearly completed. Red clover harvest started. Sugarbeet seed harvesting continued. Fieldwork for fall seeding continued in all regions. Hop harvest started. Hay cutting progressed. Bartlett pear harvest progressed; Hood River yields above expectations; Medford crop nearly done. Hood River apples sizing well; Gravenstein harvest nearly finished in Willamette Valley; late summer picking started. Peach harvest progressed. Filbert orchard harvest preparation. Late Italian prune picking at Milton-Freewater. Evergreen blackberry picking continued. Malheur Norgold potato harvest 60% completed; early Russet digging began. Hermiston-Boardman potato harvest 60% completed; good quality. Potatoes sizing well in central areas, Klamath Falls. Onion harvesting in all areas. Sweet corn harvest, good yields. Snap bean harvest, yields excellent southern Willamette Valley. Broccoli harvest continued. Watermelon harvest continued at Hermiston; good quality. Livestock condition good. Cattle going on grain stubble, some being moved to fall ranges. Range, pasture condition fair. In most areas, pastures dry, growing slowly.

PENNSYLVANIA: Temperatures averaged 66°, 2° below normal. Average rainfall 0.61 in., 0.23 in. below normal.

Days suitable 6.0. Soil moisture 49% short, 51% adequate. Corn 1% very poor, 2% poor, 13% fair, 42% good, 42% excellent. Soybeans 1% poor, 17% fair, 54% good, 28% excellent. Oats 85% harvested, 72% 1984. Potatoes 39% harvested, 18% 1984. Corn 62% in dough, 52% 1984; 19% in dent, 10% 1984. Second crop alfalfa 94% harvested, 85% 1984. Third crop alfalfa 59% harvested, 37% 1984. Second cutting clo-tim 82% complete, 69% 1984. Quality of hay 3% poor, 45% fair, 52% good. Amount of feed from pastures 33% below avg., 64% avg., 3% above avg. Apples 24% harvested; peaches 81% harvested. Activities: Combining oats; harvesting hay, potatoes, sweet corn, tomatoes, garden vegetables, tobacco, apples, peaches, pears; spraying and seeding alfalfa; fall plowing; harvesting some corn silage.

PUERTO RICO: Island average rainfall 0.48 in., 1.25 in. below normal. Highest weekly total 1.91 in. Highest 24-hour total 1.76. Temperature averaged about 82 to 83° on coast, 77 to 79° interior divisions. Mean station temperatures ranged from 70 to 84°. Extremes 60°; 96°. Total rainfall 0.40 in. minus 0.99 in.

SOUTH CAROLINA: Past week not as hot as usual. Temperatures 2 to 3° below normal northwest State, slightly below southern. Showers, thundershowers 21st in northwestern, State, widely scattered activity eastern and southern. Excessive rainfall northwest; easthern; southern State missed most showers.

Days available for field activities 4.5. Soil moisture 29% short, 64% adequate, 7% surplus. Soybeans 26% fair, 71% good, 3% excellent. Soybeans blooming 89%, 86% 1984, 88% avg.; 51% setting pods, 58% 1984, 58% avg. Cotton 22% fair, 74% good, 4% excellent. Cotton open bolls 47% 1985, 2% 1984, 30% avg. Corn fair to good; 26% harvested, 19% 1984, 26% avg. Tobacco fair to good; 78% harvested, 90% 1984, 83% avg.; 10% stalks destroyed, 19% 1984. Apples fair to good; 23% harvested, 19% 1984, 18% avg. Pastures fair to good, hay good.

SOUTH DAKOTA: Average temperatures 4 to 9° below normal. Extremes 32°; 97°. Rainfall widespread, amounts varied greatly.

Days suitable for fieldwork 3.7. Topsoil moisture critically short extreme west, short west, adequate to surplus east; 9% critically short, 19% short, 62% adequate, 10% surplus. Corn 1% very poor, 5% poor, 13% fair, 56% good, 25% excellent. Corn 54% dough, 52% 1984, 63% avg. Corn 14% dent, 19% 1984, 25% avg. Winter wheat 100% harvested, 100% 1984, 100% avg. Spring wheat 88% harvested, 94% 1984, 94% avg. Sorghum 5% very poor, 5% poor, 15% fair, 60% good, 15% excellent. Sorghum 83% headed, 80% 1984, 84% avg. Sorghum 17% coloring, 24% 1984, 26% avg. Soybeans 3% fair, 71% good, 26% excellent. Soybeans 85% podded, 74% 1984, 91% avg. Range, pastures poor, southwest; fair central, northwest; good east. Livestock fair west central, southwest; good elsewhere. Feed, stockwater supplies adequate east, short elsewhere.

TENNESSEE: Rain 19th, 20th north central, west. Week's end cold front brought more rain to most of State. Temperatures averaged 4° below normal statewide.

Farmers averaged 4.0 days suitable for fieldwork. Soil moisture levels 5% short, 80% adequate, 15% surplus. Crops benefit from showers; remain in good condition. Corn 85% dent, 70% 1984, 70% avg.; 35% mature, 15% 1984, 18% avg.; 3% harvested, 1% 1984, 1% avg. Corn 2% poor, 10% fair, 53% good, 35% excellent. Cotton 12% open bolls, 4% 1984, 8% avg.; 85% good, 15% excellent. Sorghum 75% colored; 3% harvested grain. Sorghum 5% poor, 5% fair, 68% good, 22% excellent. Soybeans 90% blooming, 90% 1984, 93% avg.; 70% setting pods, 55% 1984, 60% avg.; 93% avg.; 70% setting pods, 55% 1984, 60% avg.; 4% very poor, 1% poor, 2% fair, 86% good, 7% excellent. Tobacco 91% topped; 4% poor, 21% fair, 62% good, 13% excellent. Burley 30% harvested, 20% 1984, 30% avg. Dark-fired 35% harvested, 20% 1984 25% avg.; dark-air cured 35% harvested, 20% 1984, 25% avg. Pasture 1% very poor, 1% poor, 32% fair, 54% good, 12% excellent.

TEXAS: Hot, dry weather gave way to showers, thunderstorms parts of State. First front triggered widely scattered thunderstorms western, northern sections early week, led to heavy thunderstorms over extreme Upper Coast, on 20th. Midweek quite, second front spread thunderstorms mainly over High Plains, south central, south eastern late week; parts of south on 25th. Rainfall below normal except Upper Coast, East amounts above normal. Temperatures averaged normal except Trans-Pecos; Edwards Plateau ran slightly above normal. Cool air dropped temperatures parts of Panhandle, northern south Plains into upper 50's on 25th.

Crops: Scattered areas State recieved relief from hot dry conditions in form of rain showers; majority State remained hot dry. Cotton, grain sorghum, corn making rapid progress Plains due hot temperatures. Irrigation steady crops, improved pastures. Harvesting activities made good progress north, central, east, south. Land preparation fall grains slow because of dry soil. Marketing livestock increased because declining range. Most areas use general rain. Grain sorghum 93% headed, 88% 1984, 94% avg.; 76% turning color, 69% 1984, 71% avg.; 61% mature, 61% 1984, 63% avg.; 57% harvested for grain, 58% 1984, 60% avg. Sorghum 1% poor, 18% fair, 57% good, 24% excellent. Harvest good progress east, Cross-Timbers, Rio Grande Valley, Red River. Scattered fields remain for harvest Blacklands. Most fields High Plains turning color rapidly. Greenbug populations decreased. Dryland crops still benefit from good rain. Corn 92% doughing; 75% dented; 59% mature; 47% harvested, 49% 1984, 39% avg. Corn 22% fair, 56% good, 22% excellent. Harvest good progress; much State complete, many areas south central. Harvesting continued east, north. Fields for silage harvested High Plains. Fields maturing rapidly. Cotton 96% setting bolls, 93% 1984, 95% avg.; 16% open bolls, 12% 1984, 16% avg.; 11% harvested, 8% 1984, 8% avg. Cotton 31% fair, 69% good, 12% excellent. Making rapid progress Plains, Cross-Timbers. Dryland fields use good rain. Bollworms causing light to moderate damage, spraying continued. Cotton opening rapidly Blacklands, central, east. Harvest underway southern Blacklands. Defoliating activites increasing. Harvest moved along well from south central to Rio Grande Valley. Harvest started east; near completion Valley. Rice 92% headed, 100% 1984, 100% avg.; 80% turning color, 100% 1984, 99% avg.; 41% harvested, 86% 1984, 85% avg. Rice 7% fair, 55% good, 38% excellent. Rice harvest continued Upper Coast, better than average yields. Peanuts 3% harvested, 4% 1984, 2% avg. Peanut fields good progress; dryland fields need rain. Irrigated fields good stands. Some digging early varieties underway south. Soybeans pod fill stage Plains, look good. Fields Upper Coast received light rain; additional moisture necessary continued growth.

Commercial Vegetables: Rio Grande Valley land preparation, planting fall vegetables continued. Irrigation heavy tomatoes, peppers. San Antonion-Winter Garden transplanting tomatoes peppers virtually complete. Other fall vegetables planted. Irrigation heavy planted fields. East harvest sweetpotatoes increasing, good yields reported. Marketing other vegetables slow, end of season. Fall planting underway. High Plains harvest continued carrots, cucumbers, cabbage, onions, potatoes. Trans-Pecos, cantaloup harvest slowing. Fall lettuce emerging. Chili harvest continued. Pecans develop slowly many areas, lack of moisture. Moderate toheavy nut droppage some areas, dryness. Insects continued to cause problems.

Range and Livestock: Moderate heavy showers Trans-Pecos portions Low Plains improve range conditions. Other areas dry, conditions declining. Many producers culling herds; shortage of grazing. Livestock conditions steady. Treatment flies on cattle underway some areas. Goat shearing continued Edwards Plateau.

UTAH: Temperatures slightly above normal across State. Uinta Basin at 3° above, warmest. Another dry week with 3 divisions receiving very light amounts. Remaining divisions received no measurable precipitation.

Hot dry weather, 6.7 days suitable for fieldwork. Topsoil moisture short. Harvest progressing well. Irrigated yields average, dryland yields variable. Winter wheat harvest 84% complete, 82% 1984, 76% avg. Barley 81% harvested, 63% avg. Spring wheat 67% harvested, 35% avg. Oats 61% harvested, 33% avg. About 54% of corn in dough stage. Alfalfa 3rd cutting beginning. Harvest of apples, peaches underway. Quality of peaches good. Ranges dry.

VIRGINIA: Cool, rainy week. Temperatures averaged 1° below normal. Remains of Hurricane Danny left heavy rains 17th to 19th. Average precipitation 3.00 in., ranged 1.00 to over 7.00 in. Most rain in central areas.

Days suitable for fieldwork limited to 2.8 days. Topsoil moisture 9% short, 56% adequate 35% surplus. Crops mostly good to excellent, except northern tip of State. Dry weather in north limiting crop growth, ample rains elsewhere with minor flood damage. Corn mostly good to excellent. Corn 83% in dough stage or beyond, 83% 1984, 86% avg.; 56% in dent stage or beyond, 59%

1984, 67% avg. Corn 28% mature, 33% 1984, 39% avg. Soybeans good to excellent. Corn earworm control active. Soybeans 94% in or beyond bloom, 89% 1984. Soybeans 67% setting pods, 63% 1984. Peanuts mostly excellent despite corn earworm, sclerotinia blight, leafspot problems; spraying active. Tobacco mostly excellent, harvest slowed substantially with wet weather. Flue-cured tobacco harvest 22% complete, 37% 1984, 46% avg. Fire-cured harvest 34% complete, 47% 1984, 48% avg. Burley tobacco harvest 5% complete, 5% 1984, 18% avg. Sun-cured tobacco harvest on schedule, about 30% complete. Apple harvest continued. Hay, pasture land conditions mostly good, improved in all areas except north. Overseeding, applying nitrogen on hayland. Harvest activities increasing.

WASHINGTON: Warm, fair weather domintated most of week, statewide. Light precipitation north, extreme eastern sections.

Days suitable 6.7. Soil moisture 73% short, 27% adequate. Range, pasture 80% short, 20% adequate. Winter wheat harvest 90%, 86% 1984, 88% avg.; spring wheat 86%, 68% 1984, 71% avg. Barley 91%, 75% 1984, 73% avg. Potatoes harvested 12%, 34% 1984. Broccoli, cauliflower, cucumber, spinach, cabbage seed harvests underway. Combining mint, hop harvest underway. Nectarines, peaches, pears picked. Supplemental feeding of livestock increasing.

WEST VIRGINIA: Temperatures 2 to 5o below normal. Low 42o at Greenbank; high 89o at Ripley. Weekly average 67o. Precipitation below normal in southern section, above normal elsewhere. Most rainfall 2.53 in. Huntington, least Gary 0.40 in. Weekly average 0.88 in.

Days worked 4.3. Soil moisture adequate to short. Harvesting hay, clipping pasture, general maintenance.

WISCONSIN: Average temperatures 6o below normal. Precipitation 1.10 to 1.30 in. north, 0.70 to 0.90 in. central, 0.60 to 0.90 in. south.

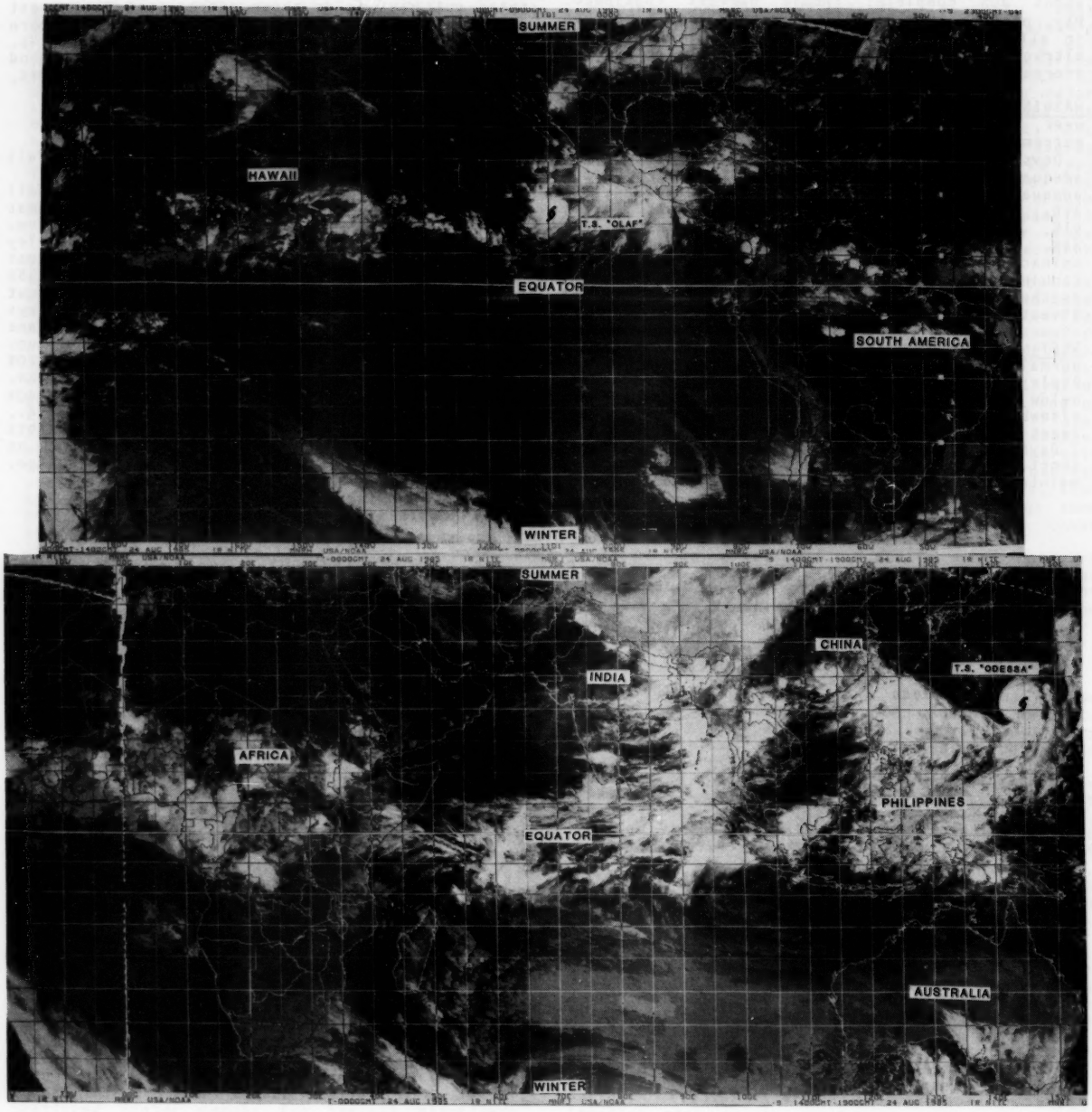
Days suitable for fieldwork 5.2. Soil moisture 28% short, 69% adequate, 3% surplus. General crop condition 2% very poor, 6% poor, 32% fair, 57% good, 3% excellent. Corn 2% very poor, 5% poor, 26% fair, 56% good, 11% excellent; silked 99%, 100% 1984, 100% avg.; dough 56%, 58% 1984, 59% avg.; dent 16%, 19% 1984, 19% avg. Second cutting hay 92% hay complete, 84% 1984, 86% avg.; third cutting hay 24% complete, 14% 1984, 17% avg.; third cut hay yields above average. Oats harvest 88% complete, 87% 1984, 86% avg. Sweet corn harvest progressed rapidly, very good yields. Tobacco harvest started. Soybeans in fair to good condition, filling pods. Pasture condition 71%, 77% 1984, 77% avg.

WYOMING: Temperatures below normal. Rainfall below normal.

Days suitable for fieldwork 7.0. Topsoil moisture 94% short, 6% adequate. Winter wheat harvest nearly complete, 95% 1984, 95% avg. Winter wheat planted 5%, 5% 1984, 5% avg. Barley harvested 65%, 70% 1984, 60% avg. Spring wheat 80% harvested, 70% 1984, 50% avg. Oats 55% harvested, 35% 1984, 40% avg. Alfalfa second cut complete 65%, 60% 1984, 55% avg. Other hays harvested 90%, 80% 1984, 80% avg. Dry beans setting pods 95%, 100% 1984, 85% avg.; leaves turning color 25%, 45% 1984. Corn silked 75%, 20% 1984; 50% milk, 40% 1984; 40% dough, 30% 1984. Supply of stored feed: Hay 55% below avg., 40% avg., 5% above avg.; feed grains 45% below avg., 40% avg., 15% above avg. Livestock weights compared with 1984: Calves 65% lighter, 35% no change; lambs 60% lighter, 40% no change. Stockwater 70% short, 30% adequate.

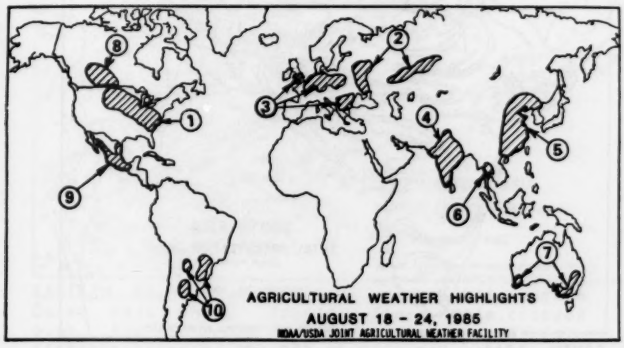
GLOBAL WEATHER SATELLITE PHOTO

August 24, 1985

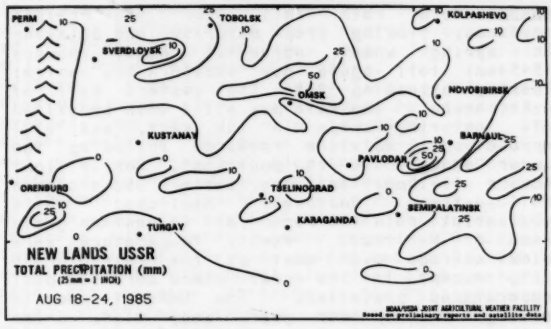


International Weather and Crop Summary

August 18 - 24, 1985



USSR...In Western USSR, an early week storm system developed in central crop areas, producing significant amounts of rain. Heaviest precipitation (25-50mm) fell in a band which stretched northward from the northern Ukraine, through eastern Belorussia and parts of the Central Region, into the southern portion of the Northwest Region. The showers in these areas likely caused harvest delays. Elsewhere, light showers (10mm or less) caused only minor delays in harvesting. Winter grain planting continued in northern crop areas, and topsoil moisture is adequate for uniform emergence and good early establishment. The optimum time for winter wheat planting in the south is around mid-September. Corn for grain is likely maturing in southernmost crop areas. Weekly temperatures were above normal over much of the region. In the New Lands, most spring grain areas had favorable harvest weather. Spring grain areas in the north, and the extreme east, which received 10-25mm of precipitation, were an exception. Spring wheat is mature over much of the region, except in the extreme north and east, where the crop is maturing. Crop progress is behind normal in the north and east where persistent below-normal temperatures during the growing season have slowed crop development. Normally, the spring wheat harvest is nearly complete by mid-September. Reports indicate that as of August 22, small grains and pulses, excluding corn, were about 50 percent harvested.



HIGHLIGHTS:

1. UNITED STATES ...Cool, damp weather slows the spring wheat harvest across the northern Plains. Timely rains benefit the Corn Belt, mid-Atlantic coast and Florida crops.

2. USSR ... In Western USSR, significant showers in central crop areas delay harvesting. In the New Lands, most areas have favorable harvest weather.

3. EUROPE ... Widespread showers delay harvesting in the north. Dry weather continues to reduce moisture reserves in the southeast, but favors grain maturation and helps harvesting.

4. SOUTH ASIA ... Favorable rain continues in most rice areas. Drier weather limits moisture for cotton and groundnuts.

5. EASTERN ASIA ... Two tropical storms flood eastern China. Moderate rain extends inland benefiting summer crops in the heading and filling stages.

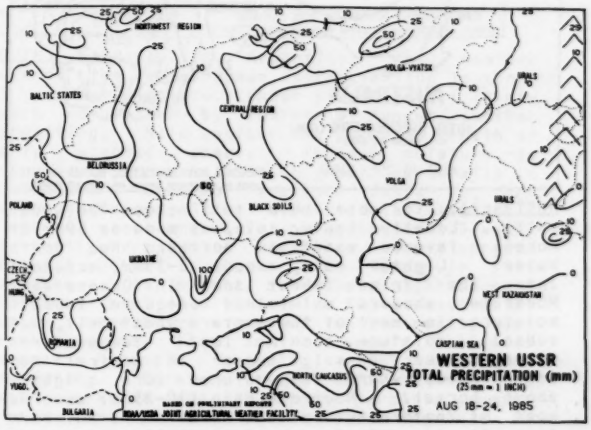
6. SOUTHEAST ASIA ... Substantial showers fall over most of Thailand benefiting irrigation reserves and crop development. Heavy rain falls in western Luzon, Philippines.

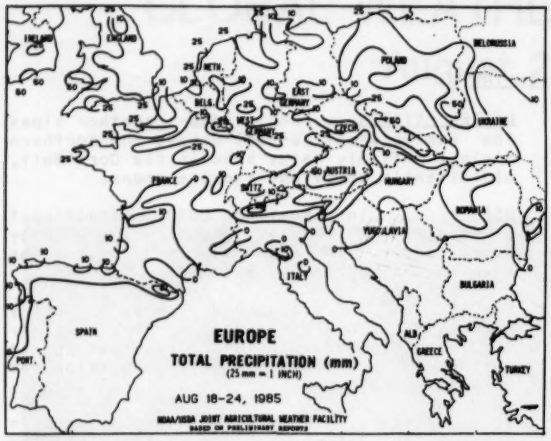
7. AUSTRALIA ... Moderate rain favors wheat in New South Wales and the dry areas of Queensland. Topsoil moisture is adequate in most of the wheat belt.

8. CANADA ... Cool, wet weather slows crop maturity and delays harvesting which is falling behind last year's pace. Rain in the west helps to recharge depleted soil moisture reserves.

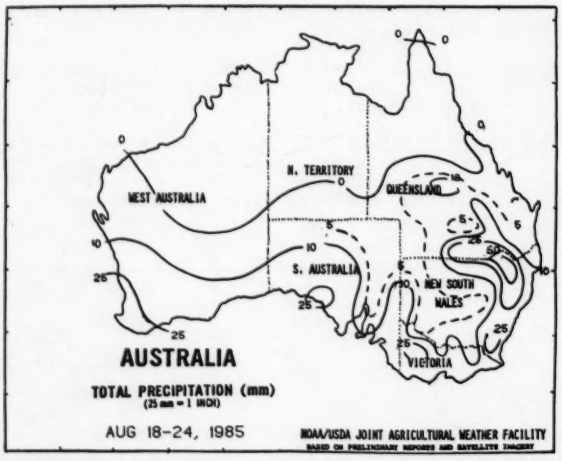
9. MEXICO ... Timely rain continues helping southern Plateau's immature crops and replenishing northwestern reservoirs.

10. SOUTH AMERICA ... Dry weather favors Argentina's wheat planting, and, Brazil's wheat harvest in the State of Parana. Moist conditions continue over Brazil's southern wheat.

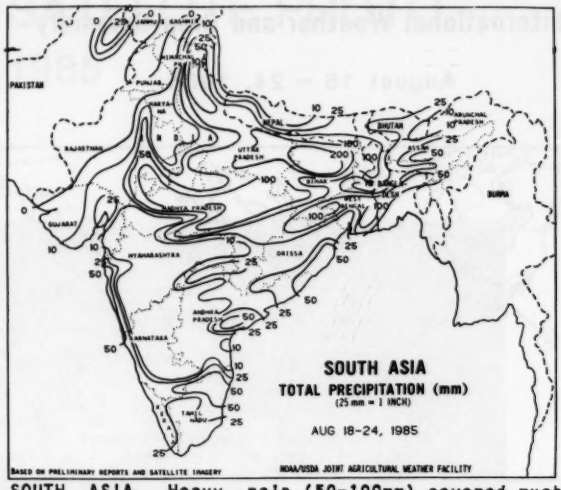




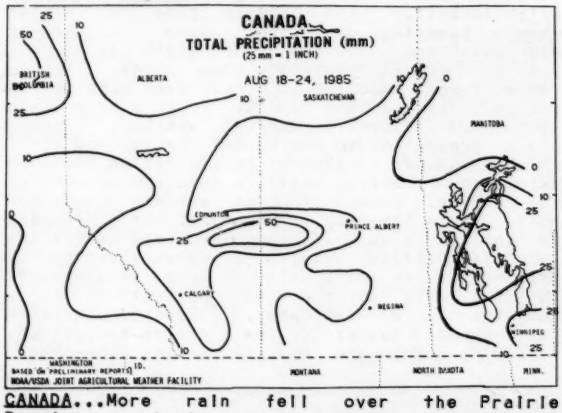
EUROPE...A series of storm systems moved eastward across northern Europe producing widespread showers. Heaviest precipitation, around 25mm, covered crops in England, northern West Germany, Austria, Poland, and parts of Czechoslovakia. The rain in these areas caused further delays in harvesting but provided abundant topsoil moisture for winter grain planting, which normally begins in early September. Mostly dry weather favored corn maturation in southwestern France. In southern Europe, dry weather spread eastward from Spain, through Italy, into southeastern areas. The dry weather in southern Romania, Bulgaria, and eastern Yugoslavia continued a pattern of persistent dryness which has covered crops during most of the growing season. The dry weather this past week in these areas favored grain maturation and aided harvesting.



AUSTRALIA...Variable rain fell across the wheat belt. Locally heavy rain, as much as 59mm at Moree, favored wheat in northern New South Wales. Lighter rain, about 5-15mm, extended into the drier wheat area in Queensland. Moderate showers maintained adequate topsoil moisture in most of the eastern wheat belt, but subsoil moisture remains low. Temperatures averaged near normal, except in central New South Wales where temperatures were slightly above normal. Moderate rain (10-25mm) covered most of Western Australia's wheat where moisture is mostly adequate for early vegetative growth.

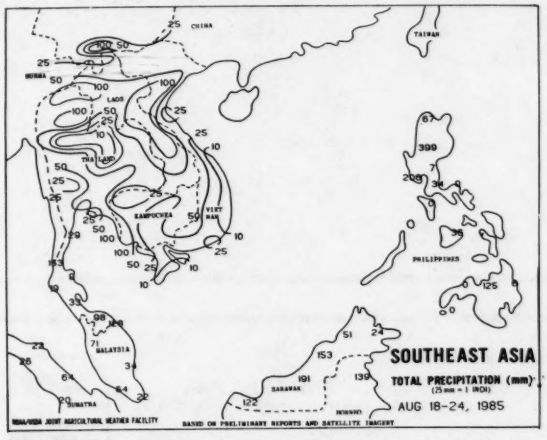


SOUTH ASIA...Heavy rain (50-100mm) covered much of northern India, maintaining favorable moisture for autumn and winter rice in the heading and vegetative stages, respectively. Punjab, Haryana, and Andhra Pradesh were relatively dry, but moisture likely is adequate for irrigation. Relatively dry and hot weather covered a large portion of cotton and groundnuts in Maharashtra, Karnataka, and Andhra Pradesh. Moisture is limited for cotton and groundnuts entering the critical flowering period. Moderate rain in western Madhya Pradesh and eastern Gujarat benefited cotton and groundnuts which were planted later than normal this season. Mostly dry weather covered Pakistan except for an isolated moderate shower in northern Punjab.



CANADA...More rain fell over the Prairie Provinces, slowing crop maturity and delaying the spring wheat harvest. Heavy showers (15-54mm) fell again over southern and central Alberta, extending into the western half of Saskatchewan. The rain may still have benefited late maturing crops in the west, and will improve soil moisture recharge following the summer drought in the southwest. Mostly light showers (1-10mm) fell over eastern Saskatchewan and extreme southwest Manitoba, while substantial rain (10-33mm) fell in eastern grain areas of Manitoba. Weekly temperatures were below average over most of the Prairie grain belt, except in the west where more seasonal temperatures prevailed. The harvest pace is falling behind last year, and, mild, drier weather is needed to improve conditions.

EASTERN ASIA...Two tropical storms hit eastern China this week. Tropical Storm Mamie crossed over the Shandong peninsula and moved into eastern Liaoning where persistent wetness has damaged corn. Late in the week, Typhoon Nelson struck the coast of Fujian and Zhejiang with strong wind and inundating rain (100-300mm), damaging late double-cropped rice in the heading stage. Favorable rain spread into much of southern China benefiting late rice. Moderate rain, associated with Mamie, extended into the North China Plain benefiting cotton, corn, and soybeans in the boll development and filling stages, respectively. Mostly favorable rain fell in Manchuria for corn and soybeans in the filling stages.


SOUTHEAST ASIA
TOTAL PRECIPITATION (mm)
(25 mm = 1 INCH)
AUG 18-24, 1985
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
BASED ON PRELIMINARY REPORTS AND SATELLITE IMAGERY

SOUTHEAST ASIA...In Thailand, substantial showers occurred over most of the country, except in north-central areas centered over Loei and Phitsanulok where less than 10mm of rain fell. Heavy showers (43-131mm) fell in the northern highlands, benefiting irrigation reservoirs and rice. Variable, but generally seasonal, amounts of rain (40-86mm) fell in eastern rainfed rice areas while 25-91mm of rain fell over south-central rice areas. In general, monsoon rains were sufficient for crop development. Elsewhere, rainfall was quite variable over peninsular Thailand, Malaysia, and Indonesia with locally heavy showers (70-128mm) along the Thai-Malaysian border and in Sarawak. Heavy showers (70-200mm) also fell over western Luzon and eastern Mindanao in the Philippines, while scattered showers occurred over the remainder of the islands.

MEXICO...Beneficial rains continued over most of the southern Plateau corn belt and northwestern mountain watersheds. Corn, beans, and other crops should continue developing well with timely, light to moderate showers across the southern Plateau. Rains also dotted parts of the west coast farming area but were not heavy enough to damage the irrigated crop. Moderate rain fell on the upper northwestern watersheds, while the northeastern citrus, vegetable, and pastures were dry.

SOUTH AMERICA
TOTAL PRECIPITATION (mm)
(25 mm = 1 INCH)
AUG 18-24, 1985
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SOUTH AMERICA...In Argentina, dry weather covered the wheat areas where planting is about 85 percent complete. Wheat planting will likely reach completion by the end of August, weather permitting. Mild weather has promoted growth of early planted wheat. Topsoil moisture is adequate for early season growth especially in southeastern Cordoba, southern Santa Fe, and northern Buenos Aires. Moisture is limited in southern wheat areas, following the last 3 weeks of mostly dry, mild weather. Early sorghum planting began in Chaco with favorable soil moisture. In Brazil, relatively light showers (10-25mm) kept Rio Grande do Sul's wheat moist during vegetative growth, while mostly dry weather (less than 5mm of weekly rainfall) favored Parana's maturing wheat and crop harvesting. Moisture is limited to the north of Santa Catarina and, if dryness persists, summer crop planting and coffee flowering may be affected.

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